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Advanced Structures & Composites Center

Patent Portfolio

Patent Portfolio

Patent #	Patent Title	Inventors	Date Filed	Date Issued
EP3507484A4	Advanced Segmented Pre-Cast Concrete Hulls for Wave Energy Converters	Anthony Viselli, Habib Dagher	2017	12/18/2020
BR1120130111461-1	Hybrid Composite Material Systems for Offshore Floating Platforms	Anthony Viselli, Habib Dagher	2011	12/10/2020
EP3286071B1	Hull for a Floating Wind Turbine Platform	Habib Dagher, Anthony Viselli, Mark Dwyer	2016	11/21/2020
JP6744867B2	Methods of Construction, Assembly, and Launch of Floating Wind Turbine	Anthony Viselli, Habib Dagher	2016	8/4/2020
Denmark EP3180238A1	Buoy with Integrated Motion Compensation	Habib Dagher, Neal Pettigrew, Anthony Viselli, Rachael Joyce, John Wallinga, Patrick Fikes, Neal Fisher	2015	6/24/2020

EP3180238A1	Buoy with Integrated Motion Compensation	Habib Dagher, Neal Pettigrew, Anthony Viselli, Rachael Joyce, John Wallinga, Patrick Fikes, Neal Fisher	2015	6/24/2020
France EP3180238A1	Buoy with Integrated Motion Compensation	Habib Dagher, Neal Pettigrew, Anthony Viselli, Rachael Joyce, John Wallinga, Patrick Fikes, Neal Fisher	2015	6/24/2020
Germany EP3180238A1	Buoy with Integrated Motion Compensation	Habib Dagher, Neal Pettigrew, Anthony Viselli, Rachael Joyce, John Wallinga, Patrick Fikes, Neal Fisher	2015	6/24/2020
Portugal EP3180238A1	Buoy with Integrated Motion Compensation	Habib Dagher, Neal Pettigrew, Anthony Viselli, Rachael Joyce, John Wallinga, Patrick Fikes, Neal Fisher	2015	6/24/2020
Spain EP3180238A1	Buoy with Integrated Motion Compensation	Habib Dagher, Neal Pettigrew, Anthony Viselli, Rachael Joyce, John Wallinga, Patrick Fikes, Neal Fisher	2015	6/24/2020
UK EP3180238A1	Buoy with Integrated Motion Compensation	Habib Dagher, Neal Pettigrew, Anthony Viselli, Rachael Joyce, John Wallinga, Patrick Fikes, Neal Fisher	2015	6/24/2020
US10598155D2	Floating Hybrid Composite Wind Turbine Platform and Tower System with Suspended Mass	Habib Dagher, Anthony Viselli, Andrew Goupee	2016	3/24/2020
CN107683371B	Methods of Construction, Assembly, and	Habib Dagher, A.M.	2016	3/10/2020

	Launch of a Floating Wind Turbine	Wiesel		
CN107709151B	Hull for a Floating Wind Turbine Platform	Habib Dager, A. M. Wiesel, Mark Dwyer	2016	12/31/2019
US10519685B2	Hybrid Concrete-Composite Tower for a Wind Turbine and Method of Manufacturing	Anthony Viselli, Habib Dagher	2016	12/31/2019
US10518846B2	Methods of Mooring One or More Floating Wind Turbine Platforms	Habib Dagher, Anthony Viselli, John Halkyard	2016	12/31/2019
Denmark EP3262296B1	Methods of Construction Assembly, and Launch of Floating Wind Turbine	Anthony Viselli, Habib Dagher	2016	12/18/2019
France EP3262296B1	Methods of Construction Assembly, and Launch of Floating Wind Turbine	Anthony Viselli, Habib Dagher	2016	12/18/2019
Germany EP3262296B1	Methods of Construction Assembly, and Launch of Floating Wind Turbine	Anthony Viselli, Habib Dagher	2016	12/18/2019
Portugal EP3262296B1	Methods of Construction Assembly, and Launch of Floating Wind Turbine	Anthony Viselli, Habib Dagher	2016	12/18/2019
Spain ES2776798T3	Methods of Construction Assembly, and Launch of Floating Wind Turbine	Anthony Viselli, Habib Dagher	2016	12/18/2019

UK EP3262296B1	Methods of Construction Assembly, and Launch of Floating Wind Turbine	Anthony Viselli, Habib Dagher	2016	12/18/2019
Japan JP6622208B2	Method of Assembling A Floating Wind Turbine Platform	Anthony Viselli, Habib Dagher	2015	11/29/2019
Japan JP6566958B2	Method of Mooring One or More Floating Wind Turbine Platforms	Anthony Viselli, Habib Dagher	2015	08/09/2019
Japan JP6562928B2	Floating Wind Turbine Support System	Anthony Viselli, Habib Dagher	2014	08/02/2019
Japan JP6564835B2	Floating Wind Turbine Platform and Method of Assembling	Anthony Viselli, Habib Dagher	2013	08/02/2019
Denmark DK3111022T3	Hybrid Concrete-Composite Tower for a Wind Turbine and Method of Manufacturing	Anthony Viselli, Habib Dagher	2015	07/31/2019
France EP3111022A4	Hybrid Concrete-Composite Tower for a Wind Turbine and Method of Manufacturing	Anthony Viselli, Habib Dagher	2015	07/31/2019
Germany 602015034828.1	Hybrid Concrete-Composite Tower for a Wind Turbine and Method of Manufacturing	Anthony Viselli, Habib Dagher	2015	07/31/2019
	Hybrid Concrete-Composite Tower for			

Spain 3111022	Method of Manufacturing a Wind Turbine and	Anthony Viselli, Habib Dagher	2015	07/31/2019
UK 3111022	Hybrid Concrete-Composite Tower for a Wind Turbine and Method of Manufacturing	Anthony Viselli, Habib Dagher	2015	07/31/2019
US 10336404B2	Method of Assembling A Floating Wing Turbine Platform	Habib Dagher, Anthony Viselli	2016	07/02/2019
Chile 9394035B2	Floating Wind Turbine Platform and Method of Assembling	Habib Dagher, Anthony Viselli, Andrew Goupee	2013	05/24/19
Germany 55248-DE-EPT	Floating Wind Turbine Platform Support System	Habib Dagher, Anthony Viselli	2014	02/27/19
Denmark 55248-DK-EPT	Floating Wind Turbine Platform Support System	Habib Dagher, Anthony Viselli	2014	02/27/19
Spain 55248-ES-EPT	Floating Wind Turbine Platform Support System	Habib Dagher, Anthony Viselli	2014	02/27/19
France 55248-FR-EPT	Floating Wind Turbine Platform Support System	Habib Dagher, Anthony Viselli	2014	02/27/19
UK 55248-GB-EPT	Floating Wind Turbine Platform Support System	Habib Dagher, Anthony Viselli	2014	02/27/19
	Floating Wind Turbine Platform			

Germany 53897-DE-EPT	and Method of Assembling	Habib Dagher, Anthony Viselli, Andrew Goupee	2013	02/27/19
Denmark 53897-DK-EPT	Floating Wind Turbine Platform and Method of Assembling	Habib Dagher, Anthony Viselli, Andrew Goupee	2013	02/27/19
Spain 53897-ES-EPT	Floating Wind Turbine Platform and Method of Assembling	Habib Dagher, Anthony Viselli, Andrew Goupee	2013	02/27/19
France 53897-FR-EPT	Floating Wind Turbine Platform and Method of Assembling	Habib Dagher, Anthony Viselli, Andrew Goupee	2013	02/27/19
UK 53897-GB-EPT	Floating Wind Turbine Platform and Method of Assembling	Habib Dagher, Anthony Viselli, Andrew Goupee	2013	02/27/19
US 10215161B2	Methods of Construction, Assembly, and Launch of a Floating Wind Turbine	Habib Dagher, Anthony Viselli	2016	02/26/19
Germany 53448-DE-EPT	Hybrid Composite Material Systems for Offshore Floating Platforms	Habib Dagher, Anthony Viselli, Andrew Goupee	2011	02/20/19
Denmark 53448-DK-EPT	Hybrid Composite Material Systems for Offshore Floating Platforms	Habib Dagher, Anthony Viselli, Andrew Goupee	2011	02/20/19
Spain 53448-ES-EPT	Hybrid Composite Material Systems for Offshore Floating Platforms	Habib Dagher, Anthony Viselli, Andrew Goupee	2011	02/20/19

France 53448-FR-EPT	Hybrid Composite Material Systems for Offshore Floating Platforms	Habib Dagher, Anthony Viselli, Andrew Goupee	2011	02/20/19
UK 53448-GB-EPT	Hybrid Composite Material Systems for Offshore Floating Platforms	Habib Dagher, Anthony Viselli, Andrew Goupee	2011	02/20/19
US 10202174 B2	Buoy with Integrated Motion Compensation	Habib Dagher, Neal Pettigrew, Anthony Viselli, Rachael Joyce, John Wallinga, Patrick Fikes, R. Fisher	2014	02/12/19
US 10202170 B2	Hull for a Floating Wind Turbine Platform	Habib Dagher, Anthony Viselli, Mark Dwyer	2015	02/12/19
CN 105793563B	Floating Wind Turbine Support System	Habib Dagher, Anthony Viselli	2014	01/22/19
CA 2812942	Method of Forming a Composite Structural Member	Habib, J. Dagher, Richard F. Nye	2011	01/22/19
CA 2812941	Composite Structural Member	Habib, J. Dagher, Richard F. Nye	2011	01/15/19
China ZL201580019384.4	Hybrid Concrete- Composite Tower for a Wind Turbine and Method of Manufacturing	Habib, J. Dagher, Anthony M. Viselli	2015	11/27/18
Japan 6336436	Floating Wind Turbine Platform and Method of Assembling	Habib J. Dagher, Anthony M. Viselli, Andrew J. Goupee	2013	05/11/18
	Floating Wind Turbine Support			

US 9964097	Turbine Support System	Habib, J. Dagher, Anthony M. Viselli	2014	05/08/18
US 9809007 BS	Composite Weldable Panel with Embedded Devices	Habib, J. Dagher, Eric D. Cassidy, Anthony M. Viselli, Bruce Segee	2016	11/07/17
Chile 54.606	Hybrid Composite Material Systems for Offshore Floating Platforms	Habib J. Dagher, Anthony M. Viselli, Andrew J. Goupee	2011	08/29/17
China ZL201180062603	Hybrid Composite Material Systems for Offshore Floating Platforms	Habib J. Dagher, Anthony M. Viselli, Andrew J. Goupee	2011	03/29/17
US 9518564	Floating Hybrid Composite Wind Turbine Platform and Tower System	Habib J. Dagher, Anthony M. Viselli, Andrew J. Goupee	2010	12/13/16
JP 5950923	Floating Hybrid Composite Wind Turbine Platform and Tower System	Habib J. Dagher, Anthony M. Viselli, Andrew J. Goupee	2013	06/17/16
US 9394035	Floating Wind Turbine Platform and Method of Assembling	Habib J. Dagher, Anthony M. Viselli, Andrew J. Goupee	2013	07/19/15
EP 1706546	Sheet Piling Panels with Elongated Voids	Habib J. Dagher, Roberto Lopez-Anido. Douglas J. Gardner, Matthew J. Dura, Katherine L. Stephens	2006	05/13/15
US 8865285 B2	Composite Weldable Panel with Embedded Devices	Habib, J. Dagher, Eric D. Cassidy, Anthony M. Viselli	2007	10/21/14
US 8850750	Rapidly-Deployable Lightweight Load Resisting Arch	Habib J. Dagher, Eric N.	2005	10/07/14

Patent No.	System	Inventors	Year	Effective Date
EP 2346929 B1	Thermoplastic Composites Containing Lignocellulosic Materials and Methods of Making Same	Douglas J. Gardner, Christopher H. West, Yousoo Han	2009	02/12/14
US 8596018	Blast Mitigation and Ballistic Protection System and Components Thereof	Habib J. Dagher, Eric D. Cassidy, Laurent R. Parent, Anthony J. Dumais, Edwin N. Nagy, Robert T. O'Neil, Richard F. Nye	2008	12/03/13
US 8591788	Method of Forming a Composite Structural Member	Habib J. Dagher, Richard F. Nye	2010	11/25/13
US 8531292	Composite Anti-tamper Container with Embedded Devices	Habib J. Dagher, Fred Hewitt Smith	2005	09/09/13
US 8522486	Composite Structural Member	Habib Dagher, Richard Nye	2010	09/02/13
US 8487763	Breach Detection System for Containers	Habib Dagher, Ryan Fisher, Bruce Segee, Anthony Viselli	2009	07/16/13
CA 2549939	Sheet Piling for Retaining Walls with Columnar Voids	Habib Dagher, Matthew Dura, Douglas Gardner, John Hwalek		07/09/13
US 8429857	Blast and Ballistic Protection System	Paul T. Melrose, Richard F. Nye, Ashley E. Tower, Laurent R. Parent, Robert T. O'Neil	2009	04/30/13
US 8372320	Method for Drying Cellulose Nanofibrils	Douglas J. Gardner, Yousoo Han, Yucheng Peng, Habib J. Dagher, Joshua J.	2011	02/12/13

EP 1968780 B1	Method of Making Composite Construction Members	Tomblin, Richard F. Nye, Imad W. El Chiti, Matthew W. Bodwell, Alexander L. Baker, Roberto A. Lopez- Anido	2006	11/21/12
US 8221663	Method of Making Cellulosic Filled Thermoplastic Composites of an Anhydride Containing Copolymer	Stephen Michalik, Douglas J. Gardner, Christopher H. West, Yousoo Han	2008	07/17/12
US 8197732	Composite Reinforced Oriented Strand Board	Habib J. Dagher, Russell A. Edgar, Jon R. Hill	2010	06/12/12
US 8141313	Interlocking Roofing Panel System	Habib J. Dagher, William G. Davids	2010	03/27/12
US 8046969	Roofing Panel Assembly	Habib J. Dagher, William G. Davids	2008	11/1/11
US 7871055	Lightweight Composite Concrete Formwork Panel	Habib J. Dagher, Ghassan N. Fayad, Jonathon E. Kenerson, Matthew S. Giffen	2006	01/18/11
US 7862675	Slip Method for Pressing Beams with Bonded Tendons	Howard M. Gray, Habib J. Dagher	2010	01/04/11
US 7811495	Composite Construction Members and Method of Making	Habib J. Dagher, Joshua J. Tomblin, Richard F. Nye, Imad W. El Chiti, Matthew W. Bodwell, Alexander L. Baker, Roberto A. Lopez- Anido	2006	10/12/10
US 7685921	Composite Panels for Blast and Ballistic Protection	Habib J. Dagher, Keenan M. Goslin, Eric D. Cassidy, Laurent R. Parent, Edwin N. Nagy	2007	03/30/10
US 7659330	Thermoplastic Composites Containing Lignocellulosic Materials and Methods of making Same	Douglas J. Gardner, Christopher H. West, Yousoo Han	2008	02/09/10

US 7547470	Multifunctional Reinforcement System for Wood Composite Panels	Douglas J. Gardner, Stephen M. Shaler, Lech Muszynski, Ciprian Pirvu, Jungil Son Habib J. Dagher, Roberto	2006	06/16/09
US 7416368	Sheet Piling Panels with Elongated Voids	A. Lopez-Anido, Douglas J. Gardner, Mathew J. Dura, Katherine L. Stephens	2004	08/26/08
US 7300894	Composites Pressure Resin Infusion System (ComPRIS)	Barry S. Goodell, Roberto A. Lopez-Anido, Benjamin Herzog	2003	11/27/07
US 7141137	Method of making Laminated Wood Beam with Varying Lamination Thickness Throughout the Thickness of the Beam	Jon C. Flutak, Shane M. McDougall, Habib J. Dagher	2003	11/28/06
US 6699575	Wood Composite Panels for Disaster-Resistant Construction	Habib J. Dagher, William G. Davids	2000	03/02/04
EP 1263578 B1	Wood Composite Panels for Disaster-Resistant Construction Building	Habib J. Dagher, William G. Dagher	2001	11/22/03
US 6490834	Construction Configuration and Method Resin Starved Impregnated Panels,	Habib J. Dagher	2000	12/10/02
US 6281148	Wood Composites Utilizing said Panels and Methods for Making the Same	Habib Dagher, Beckry Abdel-Magid, Stephen M. Shaler	2098	08/28/01
US 6170209	Prestressing System for Wood Structures and Elements	Habib Dagher, Beckry Abdel-Magid	1997	01/09/01

Pending Patents

Patent Application #	Patent Title	Inventors	Date Published
US 20120009018	Culvert Liner	Jacob J. Marquis, Alexander J. Thibodeau	7/12/11
US 20110294925	Composite from Hemicellulose Extracted Wood with Improved Performance and Reduced Emissions	Stephen M. Shaler, Juan J. Paredes, Adriaan Reinhard Pieter Van Heiningen	11/23/10
US 20100270318	Panel Assembly for Cargo Containers	Habib Dagher, Anthony M. Viselli	4/26/10

US 20100297388	Composite Panel for Blast and Ballistic Protection	Habib J. Dagher, Paul T. Melrose, Laurent R. Parent, Jacques W. Nadar	2/25/10
US 20060125152	Processes for Manufacturing Engineered Composite Objects	Douglas J. Gardner, Xuelian Zhang, Christopher Watt, Lech Muszynski	11/17/05
US 20070066722	Thermoplastic Composites Containing Lignocellulosic Materials and Methods of Making the Same	Shane R. C. O'Neill, Douglas J. Gardner, Stephen M. Shaler	9/16/05
US 20050000185	Equilateral Strand Composite Limber and Method of Making the Same	Russell A. Edgar, Stephen M. Shaler, Habib J. Dagher	5/28/04
US 20010002609	Method of Manufacturing Reinforced Wood Composites	Habib Dagher, Beckry Abdel-Magid	8/17/98

Advanced Structures & Composites Center
35 Flagstaff Road
Orono, ME 04469-5793

Tel: 207.581.2123
Fax: 207.581.2074

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