

Title (en)

Support structure for use in water.

Title (de)

Stützkonstruktion zur Verwendung im Wasser.

Title (fr)

Structure de support destinée à être utilisée dans l'eau.

Publication

EP 0009986 A1 19800416 (EN)

Application

EP 79302130 A 19791005

Priority

AU 627178 A 19781006

Abstract (en)

The invention relates to a support structure for use in liquid. In particular there is described a support structure 13 in water comprising a pipe matrix 10 having coolant or refrigerant pumped therethrough to freeze the water into a solid block. The matrix may be planar or three dimensional and the ice structure may be floating or may be supported on the floor of an ocean river or other water confinement. The structure may be used as a floating dock, oil drilling platform, temporary bridge or for any other derived purpose. There is also described a method for temporarily repairing a fracture or hole in a ship's hull, dam or other liquid barrier by arranging a pipe matrix over the fracture or hole and pumping coolant or refrigerant through said pipe matrix to freeze the liquid and plug the fracture or hole.

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