

Title (en)

CAISSON STRUCTURE AND METHOD OF SINKING THE CAISSON STRUCTURE INTO THE GROUND EXACTLY

Title (de)

SENKKASTENSTRUKTUR UND VERFAHREN ZUM PRÄZISEN ABSENKEN DER SENKKASTENSTRUKTUR IN DEN BODEN

Title (fr)

STRUCTURE DE CAISSON ET SA MÉTHODE PRÉCISE DE DESCENTE DANS LE SOL

Publication

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Application

EP 09705158 A 20090106

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Abstract (en)

A caisson structure including enclosed well walls with internal surfaces and external surface placed opposite to the internal surfaces is provided. A plurality of frame beams are provided between the internal surfaces and mutually intersected in a horizontal plane and a vertical plane. A bottom frame beam is provided close to a lowest end of the well walls. The internal surfaces are provided with internal support blocks at a first height, and the external surfaces are provided with external support blocks at a second height, with the second height greater than the first height. A bottom surface of the bottom frame beam is a plane without cutting edges, and the lowest end of the well walls is formed with cutting edges having an inclined surface. A method of sinking the caisson structure into the ground exactly is also provided.

IPC 8 full level

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