

Title (en)
Piling barge

Title (de)
Rampponton

Title (fr)
Barge d'empilage

Publication
EP 2327620 A3 20121128 (EN)

Application
EP 10003171 A 20100324

Priority
CN 200910237986 A 20091127

Abstract (en)
[origin: EP2327620A2] A piling barge is disclosed by the present invention. In the piling barge disclosed, a supporting leg includes a supporting arm extended in vertical direction. Differing from the prior art, the supporting leg further includes a supporting base. The supporting base has a transverse section larger than that of the supporting arm, an end of the supporting arm is fixed with the upper surface of the supporting base. The supporting base of the supporting leg having a larger transverse section may receive support from a larger area of mollisol ground and thus provide a larger supporting force for the hull, which enables the piling barge to perform the piling operation on sea areas with mollisol ground. A piling device of the piling barge has pile frame adjusting mechanisms, such as a luffing oil cylinder, a luffing winch mechanism and a turntable, etc., which may adjust the incline angle and the position of the pile frame, therefore the working efficiency of piling operation of the piling barge can be improved.

IPC 8 full level
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B63B 21/27 (2013.01 - EP US); **B63B 35/00** (2013.01 - EP US); **E02B 17/021** (2013.01 - EP US); **E02D 13/04** (2013.01 - EP US); **E02B 2017/0056** (2013.01 - EP US); **E02B 2017/0078** (2013.01 - EP US)

Citation (search report)

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