

Title (en)
Derrick crane for dredgecraft.

Title (de)
Davit für ein Baggerschiff.

Title (fr)
Bossoir pour bateau de dragage.

Publication
EP 0169616 A1 19860129 (EN)

Application
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Priority
NL 8402240 A 19840715

Abstract (en)
The invention relates to a derrick-crane for a dredging vessel, having a compact operating mechanism and a hydraulic system integral with the derrick-crane and which is completely independent of the hydraulic system of the vessel on which the derrick-crane has been installed. According to the invention therefore there is provided on the one hand a hydraulic cylinder (15) which is completely accommodated within the body of the derrick-crane in its rest position and on the other hand is provided with a hydraulic-medium supply tank (34) and a pump (35) which is affixed between the supporting feet (11, 11a) and driven by an electric pump-motor (19) which can be connected to vessel's electrical system. In addition hereto, the crane's body carries an hydraulically-operated swell-compensator (22-26) on its rear side and which is also connected to its own hydraulic system and from which the displaceable cable-sheave (26) moves vertically downward to a maximum payout distance (L). The hoisting winch (21) is affixed to the external underside of the derrick-crane.

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [Y] US 4326346 A 19820427 - VAN DEE NICOLAAS F
• [Y] FR 1356379 A 19640327 - BENNES MARREL
• [A] US 3764020 A 19731009 - BATSON D
• [A] US 3071254 A 19630101 - STILLEY HERSCHEL H

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