

Title (en)
SHIP UNLOADER

Title (de)
SCHIFFENTLADER

Title (fr)
APPAREIL DE DECHARGEMENT DE NAVIRES

Publication
EP 0966394 A4 20020306 (EN)

Application
EP 98906756 A 19980312

Priority
• AU 9800156 W 19980312
• AU PO559197 A 19970312

Abstract (en)
[origin: WO9840296A1] A ship unloader (1) including a jib crane (2) having a grab (10) mounted on a holding rope (11, 12). The holding rope (12) passes over a pulley (14) on the jib (3) to raise or lower the grab (10). A guiding sheave (20) slidably attaches a guiding rope (21) to the holding rope (11, 12) between the pulley (14) and the grab (10). The guiding sheave (20) is suspended from the jib (3) by a suspending rope (25) of variable length. A crowding winch (24) connected with the guide rope (21) draws and extends the holding rope (11, 12) so as to position the grab (10). The length of the suspending rope (25) is adjusted to control the position of the guiding sheave (20) along the holding rope (11, 12).

IPC 1-7
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IPC 8 full level
B65G 67/60 (2006.01); **B66C 13/08** (2006.01); **B66C 13/32** (2006.01); **B66C 23/06** (2006.01); **B66C 23/10** (2006.01)

CPC (source: EP)
B66C 13/08 (2013.01); **B66C 23/06** (2013.01)

Citation (search report)
• [A] US 3036724 A 19620529 - CLARK JOHN H
• [A] FR 1020218 A 19530203 - BOILOT ETS
• [A] DE 2112659 A1 19720928 - PEINER MASCH SCHRAUBEN
• See references of WO 9840296A1

Designated contracting state (EPC)
DE FR GB IT NL

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