

Title (en)
CRANE DEVICE FOR SHIPS

Title (de)
KRANVORRICHTUNG FÜR SCHIFFE

Title (fr)
DISPOSITIF DE GRUE POUR DES NAVIRES

Publication
EP 4053067 A1 20220907 (EN)

Application
EP 19950253 A 20191031

Priority
JP 2019042956 W 20191031

Abstract (en)
Provided is a crane apparatus for a ship, which is configured to optimize the inboard electric power, particularly the electric power for cargo handling, thereby curbing the impact on the environmental burden and improving the efficiency. In order to realize such crane apparatus, one aspect of the present invention is a crane apparatus (10) for a ship (1) equipped with an electric deck crane (210), the crane apparatus (10) including; a motor (220) driving the electric deck crane (210); a crane-side battery (230) attached to the electric deck crane (210); a generator (110) provided on a hull of the ship; a hull-side battery (130) provided on the hull; and wiring (300) connecting the motor (220), the crane-side battery (230), the generator (110), and the hull-side battery (130).

IPC 8 full level
B66C 23/52 (2006.01)

CPC (source: EP)
B66C 13/14 (2013.01); **B66C 23/60** (2013.01); **B66C 2700/082** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4053067 A1 20220907; **EP 4053067 A4 20230906**; JP WO2021084726 A1 20210506; WO 2021084726 A1 20210506

DOCDB simple family (application)
EP 19950253 A 20191031; JP 2019042956 W 20191031; JP 2021554017 A 20191031