

Title (en)
BOAT GANGWAY

Title (de)
SCHIFFSGANGWAY

Title (fr)
PASSERELLE DE BATEAU

Publication
EP 4008624 A1 20220608 (EN)

Application
EP 21203059 A 20211018

Priority
IT 202000029735 A 20201203

Abstract (en)
Described is gangway (100) for the embarkation and disembarkation of persons on and from a boat, having a modular structure comprising a first section (101), which can be fixed to a boat and open at one end (111) thereof to allow the access to an internal cavity (90), a second section (102), fixed to the first section (101) and having sliding guides (120), a third section (103) slidingly movable along the guides (120) of the second section (102), characterized in comprising a movement system having a spiral nut (1) fixed to the third section (103), a worm screw (2), constrained to slide through the nut (1) and fixed, through a Cardan joint (3), to a rotating shaft (42) driven by a motor (4), so that a rotation of said shaft (42) causes a sliding of the third section (103) along the guides (120) and along a main direction (X), coinciding with the axis of the worm screw (2), so that the gangway (100) can move between a retracted configuration and an extended configuration.

IPC 8 full level
B63B 27/14 (2006.01)

CPC (source: EP)
B63B 27/14 (2013.01); **B63B 2027/141** (2013.01)

Citation (search report)
• [A] FR 2862275 A1 20050520 - TENDERLIFT SARL [FR]
• [A] WO 2013042157 A1 20130328 - B FINANCIAL SRL [IT]
• [A] EP 3461733 A1 20190403 - B FINANCIAL S R L [IT]
• [A] CN 108639253 A 20181012 - HAINING YONGXIN TECH CONSULTING CO LTD

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 4008624 A1 20220608; EP 4008624 B1 20240410

DOCDB simple family (application)
EP 21203059 A 20211018