

Title (en)

RETRACTABLE SHIP LOADING BAY COVERS

Title (de)

EINZIEHBARE SCHIFFVERLADERAMPENABDECKUNGEN

Title (fr)

COUVERCLES DE COMPARTIMENTS DE CHARGEMENT DE NAVIRES RÉTRACTABLES

Publication

EP 3124704 B1 20180606 (EN)

Application

EP 15178861 A 20150729

Priority

EP 15178861 A 20150729

Abstract (en)

[origin: EP3124704A1] The present invention provides a retractable cover for vessels moored laterally along the side of a pier of a loading bay, and also for a portion of the pier itself, to provide protection against inclement weather during loading operations. The retractable cover comprises of a series of structural arches which are movable parallel to the pier. On the land side these arches are supported on motorized trolleys and on the water side on floatation devices. Between these arches flexible canvases are fitted. When the retractable covers gets deployed, the arches are moved apart from each other, the canvases get spread out and will provide the cover for the vessel moored underneath at the loading bay. A swinging spreader bar system moves the arches apart and at the same time provides the lateral stability once the cover is deployed.

IPC 8 full level

E02B 3/20 (2006.01); **B63B 17/02** (2006.01); **E04B 7/16** (2006.01); **E04H 4/08** (2006.01)

CPC (source: EP)

E02B 3/20 (2013.01); **E04B 7/166** (2013.01); **B63B 17/023** (2013.01)

Cited by

CN110316317A; CN111216839A; CN116280014A; CN112399947A; US2021269124A1; US12017736B2

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

DOCDB simple family (publication)

EP 3124704 A1 20170201; **EP 3124704 B1 20180606**; WO 2017017190 A1 20170202

DOCDB simple family (application)

EP 15178861 A 20150729; EP 2016068012 W 20160728