

Title (en)
SLUICE GATE

Title (de)
SCHLEUSENTOR

Title (fr)
PORTE D'ECLUSE

Publication
EP 2702208 A2 20140305 (FR)

Application
EP 12723624 A 20120425

Priority
• FR 1153565 A 20110426
• EP 2012057513 W 20120425

Abstract (en)
[origin: WO2012146595A2] The invention relates to a water-gate (100) that is intended to withstand pressure exerted by a liquid, said water-gate comprising: an essentially flat shell plate (1); and a plurality of thin cores (2) extending along the length of the shell plate (1), substantially parallel to one another. Each core (2) is solidly connected to the shell plate (1) and pierced with multiple disjoint holes (201-207). According to the invention, the water-gate (100) comprises at least one stiffener (401-404) formed by assembling multiple elements which are aligned along a longitudinal axis of the stiffener (401-404) and which each extend between the cores (2) without passing through said cores (2). Each element is solidly connected to a face of at least one core (2) around one of the holes (201-207).

IPC 8 full level
E02B 7/20 (2006.01)

CPC (source: EP US)
E02B 7/20 (2013.01 - EP US)

Citation (search report)
See references of WO 2012146595A2

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)
WO 2012146595 A2 20121101; WO 2012146595 A3 20130110; CA 2833818 A1 20121101; CA 2833818 C 20150623; CN 103534414 A 20140122; CN 103534414 B 20150513; EP 2702208 A2 20140305; EP 2702208 B1 20150304; FR 2974584 A1 20121102; FR 2974584 B1 20130614; HR P20150534 T1 20150703; PL 2702208 T3 20150831; PT 2702208 E 20150609; RS 54019 B1 20151030; RU 2013152321 A 20150610; RU 2556052 C2 20150710; SI 2702208 T1 20150731; US 2014050529 A1 20140220; US 9085867 B2 20150721

DOCDB simple family (application)
EP 2012057513 W 20120425; CA 2833818 A 20120425; CN 201280020740 A 20120425; EP 12723624 A 20120425; FR 1153565 A 20110426; HR P20150534 T 20150519; PL 12723624 T 20120425; PT 12723624 T 20120425; RS P20150360 A 20120425; RU 2013152321 A 20120425; SI 201230206 T 20120425; US 201214114097 A 20120425