

Title (en)
Lock gate

Title (de)
Schleusentor

Title (fr)
Port d'écluse

Publication
EP 1972722 B1 20170111 (FR)

Application
EP 08356049 A 20080319

Priority
FR 0702002 A 20070320

Abstract (en)
[origin: EP1972722A1] The gate has thin cores (2) each comprising a parabolic curve edge (B2) in a plane transversal to a flat shell skin plate (1). The core is widened towards its center and shrunk towards its ends. The core is pierced with disjointed recesses (20) that are configured for forming bands and bridges. The bands are respectively extended along the plate and the edge. The bridges connect the bands and extend between the adjacent recesses. A tubular stiffener (4) extends across the recesses of the cores.

IPC 8 full level
E02B 7/20 (2006.01)

CPC (source: EP)
E02B 7/20 (2013.01); **E04C 3/083** (2013.01); **E04C 3/11** (2013.01); **E04C 3/40** (2013.01)

Citation (examination)
US 3283464 A 19661108 - FRANZ LITZKA

Cited by
CN105081519A; FR2974584A1; CN103534414A; WO2012146595A3; WO2012146595A2; US9085867B2

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

DOCDB simple family (publication)
EP 1972722 A1 20080924; EP 1972722 B1 20170111; BR PI0800785 A 20081104; FR 2913989 A1 20080926; FR 2913989 B1 20090508

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EP 08356049 A 20080319; BR PI0800785 A 20080319; FR 0702002 A 20070320