

Title (en)
Overflow sluice gate

Title (de)
Überlaufklappenwehr

Title (fr)
Porte de barrage à surverse

Publication
EP 0741206 B1 20020123 (FR)

Application
EP 96400709 A 19960402

Priority
FR 9505271 A 19950503

Abstract (en)
[origin: EP0741206A1] The assembly has at least one hinged panel (2), rectangular in shape, acting as a shutter to the water flow. The panel is pivoted to the ground so that it can be rotated between horizontal and near-vertical positions by a drive (6). The panel is equipped with a reinforcing member (3) which is hinged to it either directly or via an intermediate element. It pivots about a lengthwise axis (X-X) lying perpendicular to the direction of the flow and is connected to the drive so that it takes the thrust from the water flow. The reinforcing member is fitted to lie perpendicular to the panel when it is raised, and on the opposite edge of the panel to its ground pivot. The drive can be in the form of a cable, rod, arm, power cylinder, etc.

IPC 1-7
E02B 7/44; **E02B 7/48**

IPC 8 full level
E02B 7/44 (2006.01); **E02B 7/48** (2006.01)

CPC (source: EP)
E02B 7/44 (2013.01); **E02B 7/48** (2013.01)

Cited by
EP0994219A1; FR2784404A1

Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
EP 0741206 A1 19961106; EP 0741206 B1 20020123; DE 69618704 D1 20020314; DE 69618704 T2 20020912; ES 2171627 T3 20020916; FR 2733776 A1 19961108; FR 2733776 B1 19970613

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EP 96400709 A 19960402; DE 69618704 T 19960402; ES 96400709 T 19960402; FR 9505271 A 19950503