Title (en)

AUTOMATIC WICKET FOR A HYDRAULIC STRUCTURE SUCH AS A RIVER SILL, A DAM SPILLWAY OR A PROTECTIVE DYKE

Title (de)

AUTOMATISCHES SCHÜTZENTOR FÜR HYDRAULISCHES WERK SOWIE FLUSSSCHWELLE, DAMMWASSER ABLASS ODER SCHUTZ DEICH

Title (fr)

HAUSSE AUTOMATIQUE POUR OUVRAGE HYDRAULIQUE TEL QUE SEUIL EN RIVIERE, DEVERSOIR SUR UN BARRAGE OU SUR UNE DIGUE DE PROTECTION

Publication

**EP 0874941 B1 20010711 (FR)**

Application

**EP 97900637 A 19970114**

Priority

• FR 9700056 W 19970114
• FR 9600575 A 19960119

Abstract (en)

[origin: US6196764B1] An automatic flashboard (10) comprises a wall (12) installed on a hydraulic structure (11) so as to be capable of passing from an erect position in which it retains a mass of water to a lowered position in which it allows the water to pass substantially without obstruction, and at least one elongate retaining member (13) for holding the wall (12) in its erect position against horizontal thrust (P1) from the mass of water (25). The retaining element (13) extends between the wall (12) and a reaction point to which it is connected by a connection (15) that can be automatically eliminated when the water reaches a certain level. The flashboard (10) also includes a massive element (16) movably mounted on the structure (11) and coupled to the mass of water so as to be in a stable state so long as the water remains below a predetermined level (N) and to pass into an unstable state and to be moved when the water reaches the predetermined level (N), the connection (15) being eliminated by the massive element moving.

IPC 1-7

**E02B 7/16**; E02B 3/10; E02B 7/44

IPC 8 full level

**E02B 7/16** (2006.01); **E02B 7/20** (2006.01)

CPC (source: EP US)

**E02B 7/16** (2013.01 - EP US); **E02B 7/20** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

**WO 9726412 A1 19970724**; AT E203073 T1 20010715; AU 1313697 A 19970811; AU 713094 B2 19991125; BR 9707021 A 19991228; DE 69705602 D1 20010816; EP 0874941 A1 19981104; EP 0874941 B1 20010711; FR 2743829 A1 19970725; MA 24067 A1 19971001; TR 199801381 T2 19981021; US 6196764 B1 20010306; ZA 97372 B 19970718

DOCDB simple family (application)

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