

Title (en)

SELF OPERATING BARRIER FOR FLOOD, SPILL AND OTHER PROTECTION

Title (de)

SELBSTBETRIEBENE BARRIERE FÜR FLUT, AUSLÄUFE UND ANDEREN SCHUTZ

Title (fr)

BARRIÈRE À COMMANDE AUTOMATIQUE CONTRE INONDATION, DÉVERSEMENT ET AUTRES PROTECTIONS

Publication

**EP 2915923 A1 20150909 (EN)**

Application

**EP 15157887 A 20150305**

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- GB 201403974 A 20140306
- GB 201420208 A 20141113

Abstract (en)

This invention relates to a self operating barrier for preventing the passage of flood water, chemical spills or other liquids from one area to an adjacent one, or for other protection. A gate is provided between the two areas so that the gate normally rests at grade level above a gate operating member. The gate and the gate operating member are hinged inside a housing so that on rotation they move away from each other. When liquid enters the housing, hydrostatic pressure develops on both bodies and the latter urges the gate to rotate upwardly so that the gate turns to upright position automatically before liquid level reaches grade level. The barrier may return automatically to flat position or lock in upright position. It may have modular construction thereby providing mobile flood protection. The same method of barrier operation barrier is used for preventing the passage of vehicles or other bodies.

IPC 8 full level

**E02B 3/10** (2006.01)

CPC (source: EP GB)

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Citation (search report)

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Designated contracting state (EPC)

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