

Title (en)

Spillway for high water for barrages and similar structures.

Title (de)

Hochwasserablass für Dämme und ähnliche Bauwerke.

Title (fr)

Déversoir évacuateur de crues pour barrages et ouvrages similaires.

Publication

EP 0435732 B1 19931215 (FR)

Application

EP 90403593 A 19901214

Priority

FR 8917333 A 19891228

Abstract (en)

[origin: US5061118A] For the purpose of effecting a quasi-permanent raising of the normal water level of an impounded reservoir and thereby augmenting its storage capacity except during the passage of major floods, the invention consists of rigidly fixing to the sill of the spillway a water level raising means comprising at least one vertical plate capable of resisting the water loads when spilling moderate heads (for discharging the floods of shorter recurrence intervals) but bending at its lower portion where it is fixed to the sill at a predetermined head not higher than the maximum water level in order to discharge larger floods.

IPC 1-7

E02B 8/06; **E02B 7/16**

IPC 8 full level

E02B 7/16 (2006.01); **E02B 8/06** (2006.01)

CPC (source: EP US)

E02B 7/16 (2013.01 - EP US); **E02B 8/06** (2013.01 - EP US)

Citation (examination)

- US 2118535 A 19380524 - ALLEN BETTS CLIFFORD
- W.P.Creager, Engineering for dams, 1945, Chapman & Hall, Londres, pp.870-876

Cited by

CN103821112A; US8591149B2; WO9913163A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 90403593 A 19901214; AT 90403593 T 19901214; CA 2032258 A 19901214; DE 69005280 T 19901214; FR 8917333 A 19891228; NO 905419 A 19901214; US 62982290 A 19901219