

Title (en)

High water spillway for barriers and similar works.

Title (de)

Hochwasserablass für Dämme und gleichartige Bauwerke.

Title (fr)

Déversoir évacuateur de crues pour barrages et ouvrages similaires.

Publication

EP 0434521 A1 19910626 (FR)

Application

EP 90403592 A 19901214

Priority

FR 8916960 A 19891221

Abstract (en)

[origin: US5032038A] 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 installing on the sill of the spillway a water level raising means comprising at least one heavy element, the said means or water level raising elements being capable of resisting the water loads when spilling moderate heads (for discharging the floods of shorter recurrence intervals) by virtue of their own weight but breaching by overturning at a predetermined head corresponding to a level not higher than a predetermined maximum water level in order to discharge larger floods.

Abstract (fr)

Afin de relever de façon quasi-permanente le niveau d'exploitation normale d'une retenue d'eau et donc d'augmenter sa capacité de stockage, sauf lors du passage de crues exceptionnelles, l'invention prévoit de disposer sur le seuil (6) du déversoir 5 une hausse 10, constituée par au moins un élément massif 11, ladite hausse 10 ou les éléments de hausse 11 étant capables de supporter, sans se rompre, la charge d'eau correspondant à un déversement modéré (permettant le passage des crues les plus fréquentes) en résistant par l'effet de la pesanteur, et étant rendus fusibles par basculement pour une charge d'eau prédéterminée correspondant à un niveau (N1, N2) au plus égal au niveau maximal (RM) et permettant alors le passage des plus fortes crues. <IMAGE>

IPC 1-7

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

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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