

Title (en)  
HYDRAULIC SIPHON FOR A SPILLWAY OF A HYDRAULIC STRUCTURE

Publication  
**EP 0237481 B1 19910724 (DE)**

Application  
**EP 87810112 A 19870227**

Priority  
CH 94886 A 19860307

Abstract (en)  
[origin: EP0237481A2] The hydraulic siphon on a spillway (3) of a hydraulic structure (1) is divided into a plurality of siphon sections which come into action successively as the upstream water level rises. Depending on the design of the inlet-side edges (24 ... 24'') and the length (X) of the outlet-side plates (19 ... 19''), the output of the siphon can be set so as to be linear, rising or falling. <IMAGE>

IPC 1-7  
**E02B 7/18**; **E03F 5/12**; **E03F 5/20**

IPC 8 full level  
**E02B 7/18** (2006.01); **E03F 5/12** (2006.01); **E03F 5/20** (2006.01)

CPC (source: EP)  
**E02B 7/18** (2013.01); **E03F 5/12** (2013.01); **E03F 5/20** (2013.01)

Citation (examination)  
• EP 0102287 A1 19840307 - BRESSO CLAUDE  
• FR 2186612 A1 19740111 - DUBUS JEAN [FR]

Cited by  
DE4016115A1; KR100779022B1; DE10253834A1; EP1420115A3; US8980083B2; WO2011051714A1

Designated contracting state (EPC)  
AT CH DE FR LI

DOCDB simple family (publication)  
**EP 0237481 A2 19870916**; **EP 0237481 A3 19871223**; **EP 0237481 B1 19910724**; AT E65567 T1 19910815; DE 3771531 D1 19910829

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