

Title (en)  
BASCULE BRIDGE

Title (de)  
HEBEBRÜCKE

Title (fr)  
PONT BASCULANT

Publication  
**EP 0901538 B1 20000419 (DE)**

Application  
**EP 97921576 A 19970526**

Priority  
• CH 9700212 W 19970526  
• CH 133996 A 19960529

Abstract (en)  
[origin: WO9745594A1] In order that bridges located in exposed sites do not increase the risk of flooding at high-water, they are raised on at least one side in the form of bascule bridges in order to allow the water to run freely in its bed. The reaching of the high-water level and the high-water itself determine the moment when the bascule bridge should be raised. When the high-water level is reached, water can flow through lateral openings (1) in the bank into tanks (2) and fill the latter. The weight of the filled tanks (2) is sufficient to raise the bascule bridge on one or both sides out of its operating position into the high-water position. The raised bridge allows the high-water to run freely in its entire bed. When the high-water has receded, the water is let out of the tanks (2) and the bridge is lowered into its operating position once more.

IPC 1-7  
**E01D 15/00**

IPC 8 full level  
**E01D 15/00** (2006.01)

CPC (source: EP)  
**E01D 15/005** (2013.01)

Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**WO 9745594 A1 19971204**; AT E191941 T1 20000515; AU 2761297 A 19980105; DE 59701470 D1 20000525; EP 0901538 A1 19990317; EP 0901538 B1 20000419

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