

Title (en)  
High water protection barrier

Title (de)  
Hochwasserschutzwand

Title (fr)  
Barrage pour la protection contre les crues

Publication  
**EP 0841436 B1 20030312 (DE)**

Application  
**EP 97119476 A 19971107**

Priority  
DE 19646271 A 19961109

Abstract (en)  
[origin: EP0841436A2] The wall comprises a section (3) which is accommodated in a trough open at the top in a foundation and out of which it is lifted hydraulically until its bottom flange (5) forms a sealed joint with a covering flange on the trough. The section passes through an opening in the trough. When fully retracted a cover (9) on the section seals off the opening, in which it is a flush fit, the section resting on a float (4) fits in the trough and movable in the vertical direction. At one or both end faces each wall-section has a sealing strip extending for its full height (h), and extended and retracted in the horizontal direction by pneumatic rams (20) at intervals in the vertical direction. The ram-piston rods pass through the web of a channel-section (19) forming the wall-section end face, and which encloses the sealing strip in the retracted position. The float can consist of a hollow body closed at the top by the wall-section bottom flange and with a bottom opening, being filled with air.

IPC 1-7  
**E02B 3/10**; **E02B 7/54**

IPC 8 full level  
**E02B 3/10** (2006.01); **E02B 7/54** (2006.01)

CPC (source: EP)  
**E02B 3/104** (2013.01)

Cited by  
EP1586707A3; EP4253662A1

Designated contracting state (EPC)  
BE DE DK FR IT NL

DOCDB simple family (publication)  
**EP 0841436 A2 19980513**; **EP 0841436 A3 19990107**; **EP 0841436 B1 20030312**; DE 19646271 A1 19980514; DE 19646271 C2 19990422; DE 59709481 D1 20030417; DK 0841436 T3 20030526; PL 184495 B1 20021129; PL 323074 A1 19980511

DOCDB simple family (application)  
**EP 97119476 A 19971107**; DE 19646271 A 19961109; DE 59709481 T 19971107; DK 97119476 T 19971107; PL 32307497 A 19971112