

Title (en)
FLOOD BARRIER

Title (de)
FLUTSPERRE

Title (fr)
BARRIERE DE PROTECTION CONTRE LES CRUES

Publication
EP 1880058 B1 20081231 (EN)

Application
EP 06727031 A 20060508

Priority
• GB 2006001663 W 20060508
• GB 0509477 A 20050510

Abstract (en)
[origin: GB2426026A] A flood barrier includes an impermeable flexible membrane 1 attached to rigid covers 6 which will automatically rise from ground level 9 as the floats 7 respond to flood waters 11. The membrane 1 is held in a backfilled trench 2 and may be protected by slabs of concrete 4 or other suitable material. Flexible ties 3 and optional anchor ties 16 may maintain stability of the barrier during flood. The backfilled trench 2 may incorporate a box structure (17, Fig 3) with hinged covers 6 or have concrete or other suitable edgings to support the covers 6 where traffic or other loading is anticipated. The covers 6 and floats 7 may be positioned slightly above ground 9 to provide a faster response in the event of a tidal wave or tsunami and shock absorbers may be attached to the ties 3 to reduce wave impact.

IPC 8 full level
E02B 3/04 (2006.01); **E02B 3/06** (2006.01); **E02B 3/10** (2006.01); **E02B 7/20** (2006.01); **E02B 7/40** (2006.01)

CPC (source: EP)
E02B 3/104 (2013.01); **E02B 7/205** (2013.01); **E02B 7/40** (2013.01)

Citation (examination)
GB 2323621 A 19980930 - WHITING CHRISTOPHER PRICHARD [SG]

Designated contracting state (EPC)
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GB 0509477 D0 20050615; **GB 2426026 A 20061115**; AT E419432 T1 20090115; DE 602006004581 D1 20090212; EP 1880058 A1 20080123; EP 1880058 B1 20081231; WO 2006120410 A1 20061116

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