

Title (en)  
Anti-flooding device

Title (de)  
Hochwasserschutz

Title (fr)  
Dispositif de protection contre l'eau

Publication  
**EP 2354326 A1 20110810 (EN)**

Application  
**EP 10197209 A 20101228**

Priority  
IT UD20090238 A 20091229

Abstract (en)  
Anti-flooding device (10) to protect a place, comprising a barrier element (11) at least partly housed inside a positioning seating (15), open at the upper part and laid below ground level and below a walking plane (23). The positioning seating (15) is connected to an entrance section (16) of the water disposed on the opposite side with respect to the place that the barrier element has to protect. The barrier element (11) is movable between a first position in which it is completely below the walking plane (23), and a second position in which it progressively rises by floating due to the water which progressively fills the positioning seating (15).

IPC 8 full level  
**E02D 31/02** (2006.01); **E02B 3/10** (2006.01)

CPC (source: EP)  
**E02B 3/104** (2013.01); **E02D 31/02** (2013.01)

Citation (applicant)  
• GB 2464959 A 20100505 - THORNBURY ANTHONY [GB], et al  
• EP 0726364 A1 19960814 - DEN NOORT JOHANN HEINRICH REIN [NL]  
• GB 2386144 A 20030910 - MEIKLE FIONA [GB]

Citation (search report)  
• [A] GB 2386144 A 20030910 - MEIKLE FIONA [GB]  
• [A] EP 0726364 A1 19960814 - DEN NOORT JOHANN HEINRICH REIN [NL]  
• [A] WO 2009139622 A1 20091119 - DEN NOORT INNOVATIONS BV VAN [NL], et al

Citation (third parties)  
Third party :  
WO 2009139622 A1 20091119 - DEN NOORT INNOVATIONS BV VAN [NL], et al

Cited by  
CN117110394A; GB2524874A; GB2534503A; GB2524874B; GB2534503B; WO2019134790A1; US9689129B2; EP2315880A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2354326 A1 20110810; EP 2354326 B1 20150325**; ES 2540126 T3 20150708; IT 1397451 B1 20130110; IT UD20090238 A1 20110630; SI 2354326 T1 20150831

DOCDB simple family (application)  
**EP 10197209 A 20101228**; ES 10197209 T 20101228; IT UD20090238 A 20091229; SI 201030956 T 20101228