

Title (en)
Fold-away flood barrier

Title (de)
Klappbarer Damm

Title (fr)
Barrage pliable

Publication
EP 2299004 A2 20110323 (DE)

Application
EP 10009766 A 20100917

Priority
AT 14852009 A 20090921

Abstract (en)
The barrier (1) has a surface element (2) with a dam side (3) and a land side (4), and a rod (5) supporting the surface element and engaged at transversely running connecting profiles (8). The profiles are provided at the surface element within upper and lower regions. The profiles are connectable firmly with one another by the surface element. Hinge elements (27) are provided for connecting between the rod and the connecting profiles. The surface element is implemented as self-supporting, curved and pressure-rigid plate. The rod has top and bottom supports (9, 10) foldable to the land side.

Abstract (de)
Mobiles selbststehendes Dammelement (1), enthaltend ein Flächenelement (2) mit einer Stauseite (3) und einer Landseite (4) sowie ein Gestänge (5) zur Abstützung des Flächenelements (2), wobei das Gestänge (5) an quer verlaufenden Verbindungsprofilen (8) angreift, wobei die quer verlaufenden Verbindungsprofile (8) am Flächenelement (2), bevorzugt in dessen oberem und unterem Bereich vorgesehen sind und wobei die Verbindungsprofile (8) durch das Flächenelement (2) fest miteinander verbindbar sind.

IPC 8 full level
E02B 3/10 (2006.01)

CPC (source: EP)
E02B 3/102 (2013.01)

Citation (applicant)

- AT 500324 A4 20051215 - KASTENEDER JOSEF [AT]
- DE 20313425 U1 20031113 - WIHAG NUTZFAHRZEUGFABRIK GMBH [DE]
- EP 1262602 A2 20021204 - PLETTAC ASSCO GMBH & CO KG [DE]

Cited by
CN110616668A; GB2553902A; GB2553902B; US11168452B2; WO2018011605A1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

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EP 2299004 A2 20110323; EP 2299004 A3 20130327; EP 2299004 B1 20150218; AT 508780 A4 20110415; AT 508780 B1 20110415

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EP 10009766 A 20100917; AT 14852009 A 20090921