

Title (en)

Device for stretching and/or anchoring of an impermeable plastic foil for a waterproof covering of a fixed wall such as a barrage and use of the said device

Title (de)

VORRICHTUNG ZUM SPANNEN UND/ODER VERANKERN EINER FLÜSSIGKEITSDICHTEN KUNSTSTOFFFOLIE ZUM ABDICHTENDEN BEDECKEN EINER STABILEN WANDUNG WIE STAUDAMM UND VERWENDUNG DIESER VORRICHTUNG

Title (fr)

Dispositif d'extension et/ou ancrage d'une membrane imperméable pour couvrir d'une manière étanche une paroi stable tel qu'un barrage et utilisation dudit dispositif

Publication

**EP 1767704 A1 20070328 (DE)**

Application

**EP 05108862 A 20050926**

Priority

EP 05108862 A 20050926

Abstract (en)

To tension the plastic sheet (6) to the wall, the device consists of metal profile part (11) with cross-section of closed cover profile in whose U-shaped interior (12) an inflatable air hose (16,17) is arranged. The sheet web is placed through pressurized air in the inflatable hose and thereby tensioned. In the same way the two overlapping sheet webs are pressed against the concrete wall through air pressure into the hose and thereby seal the seam. At the end the pressurized air is replaced by an incompressible medium such as concrete. The U-shaped parts of the metal profile are arranged with a space between, forming a ridge that is anchored to the concrete wall.

IPC 8 full level

**E02B 7/08** (2006.01)

CPC (source: EP)

**E02B 3/16** (2013.01); **E02B 7/08** (2013.01); **E04B 1/665** (2013.01)

Citation (search report)

- [AD] EP 0459015 A1 19911204 - SIBELON SRL [IT]
- [A] US 4473982 A 19841002 - MONARI FLAMINIO [IT]
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 301 (M - 525) 14 October 1986 (1986-10-14)

Cited by

RU2505642C2; EP2322722A1; GB2509133A; US10240675B2; WO2008031530A1; WO2011057996A1; WO2016057992A1; WO2010028766A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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