

Title (en)

DEVICE FOR SEALING A PENETRATION ASSOCIATED WITH A PENETRATING ELEMENT IN A SEALING SHEET

Title (de)

VORRICHTUNG ZUM ABDICHTEN EINES EINEM DURCHDRINGUNGSELEMENT ZUGEORDNETEN DURCHBRUCHS IN EINER DICHTUNGSBAHN

Title (fr)

DISPOSITIF POUR ÉTANCHER UN PERÇAGE ASSOCIÉ À UN ÉLÉMENT DE PERÇAGE DANS UNE BANDE D'ÉTANCHÉITÉ

Publication

**EP 2499304 A1 20120919 (DE)**

Application

**EP 10779516 A 20101109**

Priority

- EP 09175821 A 20091112
- EP 2010067075 W 20101109
- EP 10779516 A 20101109

Abstract (en)

[origin: EP2322722A1] The apparatus (1) has a penetrating element (4) designed as a clamping unit. The penetrating element penetrates into a separating layer (2). A section (6) of the penetrating element is received in an anchor element (5) connected to a substrate (3). A fastening plate (7) connects the layer to the anchor element. A cross-section of the plate is designed such that the plate forms an intermediate space (8) in contact with the layer. The space encloses a penetration site (9) of the penetrating element through the layer. The plate comprises a sealing device e.g. injection valve, for the space. Injection material selected from a group consisting of polyurethane, epoxy resin, acrylate and mineral binding agent, is introduced into the intermediate space. An independent claim is also included for a method for sealing of substrates in a construction area i.e. water body construction area, using a separating layer sealing apparatus.

IPC 8 full level

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CPC (source: EP)

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