

Title (en)

MULTY-LAYER PROTECTION PANEL AND SYSTEM FOR BASEMENT WALLS

Title (de)

MEHRSCICHTIGE SCHUTZTADEL UND SYSTEM FÜR FUNDAMENTWÄNDE

Title (fr)

PANNEAU DE PROTECTION MULTICOUCHE ET SYSTÈME POUR MURS DE SOUS-SOL

Publication

EP 3301228 B1 20190508 (EN)

Application

EP 17001569 A 20170922

Priority

IT 201600097162 A 20160928

Abstract (en)

[origin: EP3301228A1] Multi-layer protection panel (10) for basement walls (20), made up of three layers (101,102,103) coupled in such a way as to thermally insulate, drain, protect from water and also ventilate at extrados the wall; it is made up of a first insulating layer (101) of XPS with vertical ventilation channels (104) on the back face, a second draining layer (102) consisting of a bossed plastic membrane, and a third filtering layer (103) consisting of a geotextile. Said second and third layer, being flexible, frontally skirt above and below the insulating layer as an upper selvedge (107) and a lower selvedge (108), for protection purposes and for transpiration; on the front face, in combination with said lower selvedge, a filtering pocket (105) open from the bottom is frontally integrated, for the housing of the holed pipe (40) of longitudinal drainage. Furthermore, a protection system for basement walls that provides the use of said panel (10) is described.

IPC 8 full level

E02D 31/02 (2006.01); **E04B 1/00** (2006.01)

CPC (source: EP RU)

E02D 31/02 (2013.01 - EP RU); **E04B 1/0007** (2013.01 - EP)

Cited by

CN111764440A; CN113756452A; CN117230902A

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