Title (en)
    Modular holding structure for ground surfacing

Title (de)
    Modulare Haltestruktur für einen Oberflächenbelag

Title (fr)
    Structure modulaire de support d'un revêtment de sol

Publication
    EP 2354372 A1 20110810 (EN)

Application
    EP 11000525 A 20110124

Priority
    FR 1000290 A 20100125

Abstract (en)
    Modular holding structure (100) for ground surfacing (102), such as a floor, a stone surfacing or a pavement, said structure comprising a plurality
    of unitary modules (10) connected together in order to design a flat holding able to be placed vertically between the ground and the surfacing, in
    which structure each module (10) is a plate having a polygonal periphery which is bounded by a horizontal superior planar face (12) and by several
    vertical side faces (16), each side face (16) being provided with consecutive and complementary tenons (40) and mortises (42) designed in order to
    allow the connection of two adjacent unitary modules (10) through fitting along the vertical direction (V) wherein at least some tenons (40) protrude
    vertically (44) above the surface of said superior horizontal face (12) of the plate.

IPC 8 full level
    E04F 15/10 (2006.01)

CPC (source: EP)
    E04F 15/02194 (2013.01); **E04F 15/043** (2013.01); **E04F 15/087** (2013.01); **E04F 15/105** (2013.01); E04F 2201/0138 (2013.01);
    E04F 2201/095 (2013.01)

Citation (applicant)
    WO 9936638 A1 19990722 - EZYDECK PTY LTD [AU], et al

Citation (search report)
    • [Y] EP 2093348 A2 20090826 - S MA P FIL SRL [IT]
    • [Y] WO 9936638 A1 19990722 - EZYDECK PTY LTD [AU], et al
    • [A] DE 29702991 U1 19970424 - KLINGE GUENTER [DE], et al

Cited by
    CN108026729A; GB2557155A; GB2557155B; AU2016320901B2; US10781595B2; WO2017044739A1; EP2852721A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
    EP 2354372 A1 20110810; **EP 2354372 B1 20150429**; FR 2955601 A1 20110729; FR 2955601 B1 20120608

DOCDB simple family (application)
    EP 11000525 A 20110124; FR 1000290 A 20100125