

Title (en)
Paving element

Title (de)
Verlegeplatte

Title (fr)
Élément de pavage

Publication
EP 1715100 B1 20170913 (DE)

Application
EP 06008249 A 20060421

Priority
DE 102005019039 A 20050423

Abstract (en)
[origin: EP1715100A1] Vertical locking is provided by a resting surface for the holding section (11) and/or a support surface for the head section (13) of the connector. The head section is supported over regions of its periphery, preferably its underside, on the support surface. The support surface and head surface resting upon it, are complementary in form. The connector projects from the main body (3) sidewalls (17, 19, 21, 23), which also include the corresponding connector receivers (9). The connecting components (3, 9) are integral with the sidewalls of the main body. Both the attachment (11) and head (13) of the connector project outwardly, the attachment and the main body being integral. The head includes a beveled surface for run-in. The receiver (9) includes a lead-in angle. The main body is a grid structure. It is round or polygonal, triangular, square or rectangular. The head (13) is rectangular or round, when seen in plan view. The penetration (15) is U-shaped, to match the attachment (11). The panel is preferably manufactured from recycled plastic granules by injection molding.

IPC 8 full level
E01C 5/20 (2006.01); **E04F 15/10** (2006.01)

CPC (source: EP)
E01C 5/20 (2013.01); **E04F 15/02194** (2013.01); **E04F 15/087** (2013.01); **E04F 15/105** (2013.01); **E04F 15/107** (2013.01); **E01C 2201/12** (2013.01)

Citation (examination)
• FR 2651257 A1 19910301 - KETTEL ALFRED [FR], et al
• DE 29515691 U1 19951221 - REMAPLAN ANLAGENBAU GMBH [DE]
• GB 2307260 A 19970521 - ARDERN FERGUS JOHNATHAN [GB]

Cited by
GB2459920A; GB2459920B

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

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EP 1715100 A1 20061025; EP 1715100 B1 20170913; DE 102005019039 A1 20061026; ES 2651346 T3 20180125; PL 1715100 T3 20180228

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