

Title (en)

TILE ELEMENT FIXING MEANS AND TILE ELEMENT COVERING PROVIDED WITH SUCH TILE ELEMENT FIXING MEANS

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Application

EP 85200859 A 19850529

Priority

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Abstract (en)

[origin: EP0203226A1] Tile covering comprising a number of adjacent tiles (1) being supported by tile supports (6) of elastic material which rest on a roof (4). For fixing of the tiles (1) there are tile fixing means (8) with a circumferentially deformable peripheral element of elastic material which with its peripheral edge (13) cooperates in a clamping manner with an upright edge (7 min) of a tile fixing device accommodation chamber (7) in a tile. For this purpose, the peripheral element (9) cooperates on its inner side with adjacent rigid segments (10a, 10b, 10c, 10d) which are separated from each other and whose internal faces (19) form a tapering surface. Pressing the segments (10a, 10b, 10c, 10d) outwards in order to deform the peripheral element (9), takes place with a disc shaped deformation element (11) having an external surface (18) tapering outwards. In the middle of the disc (11) is a bore (12) provided with screw thread (33) in which a shaft (14) provided with screw thread (13) and having a head (15) can move. When in use, the head (15) of the shaft (14) rests on the bottom (17a) of a tile recess (17) on the top side of the tiles (1). By means of a socket-head screw wrench which is placed in a socket (16) of the head (15) of the shaft, the disc (11) can be moved upwards, said upward movement being limited in each case by top faces (29) connected with the segments and, of course, by the clamping between the segments and the side wall (7) of the accommodation chamber (7). The tile fixing means accommodation chamber (7) can be located on the bottom side of the tile, but it can also be at distance from the bottom in a side wall (23) of the tile (1). The invention also comprises a tile fixing means (8) such as that described above and a tile (1) provided with a tile fixing means accommodation chamber (7), and preferably a recess (17) for accommodating a head (15) of a shaft (14). The invention also comprises a tile fixing means (8) such as that described above and a tile (1) provided with a tile fixing means accommodation chamber (7), and preferably a recess (17) for accommodating a head (15) of a shaft (14).

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Cited by

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