

Title (en)

CUTTING DEVICE FOR FLOOR TILES MADE OF PLASTIC, RUBBER OR ANOTHER FLEXIBLE MATERIAL

Title (de)

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Title (fr)

DISPOSITIF DE COUPE POUR DES PLAQUES DE REVÊTEMENT DE SOL STRATIFIÉES, FABRIQUÉS EN MATÉRIAU PLASTIQUE, EN CAOUTCHOUC OU D'UN MATÉRIAU ÉLASTOMÈRE

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Application

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Abstract (en)

[origin: WO2012163721A1] The invention relates to a cutting device, as well as to the use of a cutting device, comprising a cutting blade (10) which is pivotably fixed to a stand (1), the cutting edge (12) of said cutting blade (10) descending into an entry slot (6) between two supporting members (2) during the cutting process in order to press out a strip of material (91) from a panel-shaped workpiece (9) placed on the supporting members (2). The width of the entry slot (6) is adjusted to the material thickness of the cutting blade (10) in such a way that, when the cutting blade (10) is positioned in the centre of the entry slot (6), a gap remains, at least in the region of the cutting edge (12), between each of the two supporting member edges (4') or slot walls (4) and the broad faces (11) of the cutting blade (10), said broad faces (11) lying opposite the supporting member edges (4') or slot walls (4). In order for panels or tiles, in particular floor coverings or roof shingles consisting of synthetic material, rubber or of another tough or elastic material to be cut with sufficiently high cutting quality on the cutting device, it is proposed that the gap (11, 4') measure no more than 0.7 mm for cutting panels or tiles between 1mm and 5mm thick, in particular floor coverings or roof shingles consisting of synthetic material, rubber or of another tough or elastic material.

IPC 8 full level

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