

Title (en)

APPARATUS FOR THE MANUFACTURE OF PROFILED PLATE-LIKE MOULDED ARTICLES OF CONCRETE OR THE LIKE, PREFERABLY ROOF TILES

Publication

EP 0035010 B1 19831116 (DE)

Application

EP 81890026 A 19810216

Priority

AT 105080 A 19800226

Abstract (en)

[origin: EP0035010A1] 1. Apparatus for the manufacture of profiled, platelike moulded articles (6), preferably roof tiles, of concrete or a similar abrasive material by means of a rotatably mounted compression roller (3) and a shaping and stationary smoothing device (7) arranged directly adjacent the roller (3) in the direction of manufacture, moulds (5) filled with concrete or the like being arranged below the roller (3) and the smoothing device (7) and passing through in the direction of manufacture, the moulded articles (6) disposed therein being compressed and shaped, the compression roller (3) and/or the smoothing device (7) comprising a coating (13 or 23) consisting of a hard metal coating adjacent regions subject to wear, characterised in that the hard metal coating (13 or 23) is connected by way of an intermediate layer (12 or 25) consisting of a metal-plastics-mixture, preferably a steel-plastics-mixture, to a base (11 or 16), preferably consisting of steel, possibly in a positive manner, for example -as is known per se- by means of interlocking undercut springs (14) and grooves (15).

IPC 1-7

B28B 3/12

IPC 8 full level

B28B 3/12 (2006.01)

CPC (source: EP)

B28B 3/12 (2013.01); **B28B 3/123** (2013.01)

Citation (examination)

- GB 739860 A 19551102 - AODOGAN O RAHILLY
- DE 1683517 A1 19691106 - SCHLOSSER & CO GMBH

Cited by

CN106217596A; CN103448143A; CN106217597A; US5820802A; GB2171418A; GB2171419A; EP0315753A1; EP0058515A3; WO9425235A1

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