

Title (en)

MACHINE FOR CUTTING/SEPARATING FLAT PIECES OF CERAMIC AND THE LIKE

Publication

**EP 0592345 A3 19940817 (EN)**

Application

**EP 93500119 A 19930804**

Priority

- ES 9201661 A 19920807
- ES 9202535 A 19921215
- ES 9202547 A 19921217

Abstract (en)

[origin: EP0592345A2] It comprises a sliding support (1) bearing a tool (2) for marking the flat ceramic piece (3) with a groove (25), and a mechanism (4) for separating said piece (3) into two parts, said mechanism forming an integral part of the sliding support (1) and being actuated by the same lever (6) which is used to actuate said tool. The cutting tool (2) is mounted on a shaft (30) comprising a projection (31) on the sliding support (1) and a recess (32) in said shaft (30), said projection (31) and said recess (32) being mutually coupled to position the shaft (30) relative to the sliding support (1). It also comprises a fixed stop rule (108), an element (109) which can be moved linearly along a guide, a rotating element (110) connected to said element (109), and a fixed sector (111), graduated in angles, relative to which moves the rotating element (110), said element (110) comprising the guide (112) along which moves the element (109), the latter being graduated along its length. The cutting and separating of the piece is made easier, the correct positioning of the cutting tool is ensured, and it is possible to make repeated, accurate cuts at any angle. <IMAGE>

IPC 1-7

**B28D 1/22**

IPC 8 full level

**B28D 1/22** (2006.01)

CPC (source: EP)

**B28D 1/225** (2013.01)

Citation (search report)

- [X] EP 0387142 A1 19900912 - TOMECHANIC SA [FR]
- [X] FR 2462244 A3 19810213 - JOCKER EDUARD [DE]
- [X] EP 0255460 A1 19880203 - BOADA HERMANOS SA [ES]
- [A] EP 0315728 A1 19890517 - BERG ERICH LEICHTMETALL [DE]
- [A] DE 9114140 U1 19920123 - LIU WUN-HUI [TW]

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