

Title (en)

Machine for cutting and separating flat ceramic pieces and the like.

Title (de)

Maschine zum Schneiden und Trennen von flachen keramischen Werkstücken und dergleichen.

Title (fr)

Machine à couper et séparer des pièces céramiques planes et similaires.

Publication

EP 0494578 B1 19951122 (EN)

Application

EP 91500145 A 19911218

Priority

ES 9100016 A 19910104

Abstract (en)

[origin: EP0494578A1] It comprises a housing (6) at one of its ends, which is placed between the sliding guides of the support (1) for the tool (2). In this housing (6) are articulated two opposite levers (7,8), superimposed on the same plane, the upper one terminating in points (14) in contact with the piece, and the lower one in a tip (16) which coincides with the breakage line. Both levers (7,8) are joined together by a rear spring (9), and are driven by a common cam and a lever (11), the axis of the lever (7), which is in contact with a rocker arm (30), passing through toothed openings (27) of components (28) in the form of circular sectors, whose rotation axis (29) is provided with an operating handle (29a). The breakage is independent from the cutting. It allows the cutting of pieces of greater surface area and thickness. <IMAGE>

IPC 1-7

B28D 1/22

IPC 8 full level

B28D 1/22 (2006.01)

CPC (source: EP)

B28D 1/225 (2013.01)

Cited by

US2018093393A1; US6269994B1; ITMI20112289A1; US10232527B2; ES2101612A1; US2014246470A1; CN105209231A; EP3222397A1; CN107379284A

Designated contracting state (EPC)

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EP 0494578 A1 19920715; EP 0494578 B1 19951122; AT E130542 T1 19951215; DE 69114826 D1 19960104; DE 69114826 T2 19960627; DK 0494578 T3 19960311; ES 2027568 A6 19920601; GR 3019022 T3 19960531; PT 99977 A 19940429; PT 99977 B 19970930

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