

Title (en)

PRESS TOOL FOR THE MANUFACTURE OF DISK-LIKE PRESSED BODIES, PARTICULARLY PLATES, DINNER PLATES, CUPS, DISHES OR THE LIKE FROM PULVEROUS, PREFERABLY CERAMIC MATERIAL

Publication

EP 0043019 B1 19840404 (DE)

Application

EP 81104574 A 19810615

Priority

DE 3024935 A 19800701

Abstract (en)

[origin: EP0043019A1] 1. A pressing tool for producing shell- or plate-like pressings, as for example crockery plates, beakers, cups, bowls and the like, from powder material, more specially of a ceramic nature, made up of a stamp (10) and a counter-stamp (11), whose facing end faces are responsible for forming the top and lower sides of the shell-like pressings on pressing the powder material placed therebetween, the stamp (10) and the counter stamp (11) being able to be moved along a level axis towards each other, the powder material being run into a space walled in by the end faces of the stamp and counter-stamp and by a ring-like die (12) placed round the stamp and the counter-stamp, said die being able to be moved into the filling position, characterized in that the die (12) has a shutt-off ring-like space (13) on its inner side, said space being in connection with a supply of the powder material, in that at least one of the edges of the end faces of the stamp (10) and the counter-stamp (11) is designed running out towards the edge of the other end face like a ring (at 20) and in that the stamp (10) and the counter-stamp (11) may be moved so far towards each other that a small axial ring-like gap is kept between the edges of their end faces.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

B28B 3/003 (2013.01); **B30B 11/025** (2013.01)

Cited by

US5585124A; US7972129B2; DE3512852A1; CN113459249A; FR2516011A1; EP0255719A1; US4788023A; EP0121128A3; US4518341A

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