

Title (en)

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

Publication

EP 0197415 B1 19900704 (DE)

Application

EP 86104030 A 19860324

Priority

DE 3512852 A 19850410

Abstract (en)

[origin: US4701122A] A pressing tool for producing dish-shaped pressed objects, in particular plates, cups, bowls, etc., of powdery, preferably ceramic material, comprising a die and a counterdie whose front surfaces facing each other form the upper and lower sides of the dish-shaped pressed object when the powdery material filled in therebetween is pressed, the die and the counterdie being adapted to move toward each other and the powdery material being filled into a space limited by the front surfaces of the die and counterdie and an annular element having a connection for the feeding of material, said element being displaceable relative to the die and counterdie in their direction of movement toward each other, and at least one of the rims of the front surfaces of the die and counterdie protruding in an annular shape toward the rim of the other front surface, and the die and counterdie being adapted to move toward each other only so far as to leave a small axial annular gap between the rims of their front surfaces, wherein the axially protruding annular rim is supported on the corresponding die by an axially directed outer projection on which the annular element is displaceable which has at least one vacuum connection.

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IPC 8 full level

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