

Title (en)

Apparatus for refining moldable batch bodies and method of molding ceramic bodies by using the apparatus.

Title (de)

Vorrichtung zum chargenweisen Aufbereiten eines Formmaterialkörpers und Verfahren zum Formen keramischer Gegenstände unter dessen Verwendung.

Title (fr)

Dispositif pour préparer des blocs de matériau et méthode de moulage de produits céramiques utilisant ce dispositif.

Publication

EP 0364205 A2 19900418 (EN)

Application

EP 89310335 A 19891010

Priority

JP 25383688 A 19881011

Abstract (en)

An apparatus for refining moldable ceramic batch bodies is provided within a molding cylinder (1) upstream of a molding die (8). The refining apparatus comprises a screen (2) and a screen supporting perforated plate (3) having a plurality of body passages (9) therethrough. To avoid inclusion of air in the molded product due to separation of the noodles emerging from the perforated plate (3), each body passage (9) is tapered to diverge towards the body chamber (5) defined between the molding die (8) and the perforated plate (3). Thereby the noodles extruded through the passages (9) are urged towards each other by a component of force in the direction perpendicular to the extrusion direction.

IPC 1-7

B28B 3/24; **B28B 17/02**

IPC 8 full level

B28B 1/24 (2006.01); **B28B 3/20** (2006.01); **B28B 3/24** (2006.01); **B28B 17/02** (2006.01)

CPC (source: EP)

B28B 3/206 (2013.01); **B28B 3/24** (2013.01); **B28B 17/026** (2013.01)

Cited by

WO2007070005A1; WO0196075A3

Designated contracting state (EPC)

BE CH DE GB LI SE

DOCDB simple family (publication)

EP 0364205 A2 19900418; **EP 0364205 A3 19901205**; JP H02102005 A 19900413

DOCDB simple family (application)

EP 89310335 A 19891010; JP 25383688 A 19881011