

Title (en)

Process and apparatus for making bowl-shaped ceramic products.

Title (de)

Verfahren und Vorrichtungen zum Herstellen schüsselförmiger keramischer Formlinge.

Title (fr)

Procédé et dispositif pour la fabrication d'ébauches de céramique en forme de bol.

Publication

EP 0440965 B1 19940518 (DE)

Application

EP 90125051 A 19901220

Priority

DE 4003816 A 19900208

Abstract (en)

[origin: EP0440965A2] Ball-shaped ceramic products (30) having a steep wall (32) and a bordering rim (34) lying in a plane are isostatically pressed from ceramic granules, there forming a burr (40) which protrudes radially beyond the bordering rim (34) and is subsequently ground off. The products (30) are pressed with an annular attachment (36), which extends as a prolongation of the steep wall (32) beyond the bordering rim (34) and has an end face (38) which is remote from the bordering rim (34) and from which the burr (40) extends radially outwards. While they are rotated about their axis, the pressed products (30) are pressed with the end face (38) of their attachment (36) against a linearly moved grinding face (58), until the attachment (36) is ground off. <IMAGE>

IPC 1-7

B28B 11/18; **B28B 3/02**

IPC 8 full level

B28B 3/00 (2006.01); **B28B 3/02** (2006.01); **B28B 11/18** (2006.01)

CPC (source: EP)

B28B 3/003 (2013.01); **B28B 11/18** (2013.01)

Cited by

EP1162048A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 4003816 C1 19910214; DE 59005748 D1 19940623; EP 0440965 A2 19910814; EP 0440965 A3 19911121; EP 0440965 B1 19940518

DOCDB simple family (application)

DE 4003816 A 19900208; DE 59005748 T 19901220; EP 90125051 A 19901220