

Title (en)

Screw-press for the extrusion of ceramic masses

Title (de)

Schneckenpresse zum Extrudieren keramischer Massen

Title (fr)

Presse à vis pour l'extrusion de matières céramiques

Publication

**EP 0705669 A3 19961120 (DE)**

Application

**EP 95113218 A 19950823**

Priority

DE 4435248 A 19941004

Abstract (en)

[origin: DE4435248C1] The extruder has a cylinder divided longitudinally into two halves. The longitudinal edges (16,17) of the wear insertion pieces (12-15) are attached by wedge strips (20,24,25) which are fixed into a wedge-shaped groove (19,20) in the cylinder. Two wedge shaped strips are contained in the cylinder's wedge shaped grooves so that one strip (24) is screwed to one half (1), and the other (25) to the other half (2). The fixture screws (26) are turned in tangential recessed holes (27) in the cylinder halves. Each cylinder half has two wear insertion pieces extending over a peripheral angle of 90 degrees. The wear insertion pieces are positioned by wedge shaped strips on the separation surface (3) between the cylinder halves and are held by a wedge shaped strip (21) between the cylinder halves.

IPC 1-7

**B28B 3/22**

IPC 8 full level

**B28B 3/22** (2006.01); **B30B 11/22** (2006.01); **B30B 11/24** (2006.01)

CPC (source: EP)

**B28B 3/208** (2013.01); **B28B 3/22** (2013.01); **B30B 11/224** (2013.01); **B30B 11/24** (2013.01)

Citation (search report)

- [A] DE 179415 C
- [A] DE 4226350 A1 19930304 - BARMAG BARMER MASCHF [DE]
- [A] DD 243670 A1 19870311 - KARL MARX STADT MASCHF [DD]
- [A] SOVIET INVENTIONS ILLUSTRATED Week 2283, 13 July 1983 Derwent World Patents Index; AN H4305K22, XP002014636

Cited by

EP0909633A3

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 4435248 C1 19951123**; DE 59506939 D1 19991104; EP 0705669 A2 19960410; EP 0705669 A3 19961120; EP 0705669 B1 19990929; ES 2139127 T3 20000201

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