

Title (en)

Press punch for making ceramic tiles and press with this punch

Title (de)

Pressstempel zum Herstellen keramischer Fliesenrohlinge und Presse mit diesem Pressstempel

Title (fr)

Poinçon de presse pour la fabrication des ébauches de carreaux en céramique et presse équipée de ce poinçon

Publication

**EP 1533109 A3 20071212 (DE)**

Application

**EP 04026434 A 20041108**

Priority

- DE 10352755 A 20031112
- DE 102004002733 A 20040120

Abstract (en)

[origin: EP1533109A2] The press die (1) comprises a holder plate (2) for the die on which are a die base plate (3) and covering plate (4) lying opposite one another and with even surfaces. Between these even surfaces are pressure sensors (6) with parallel surfaces and electronic measuring system triggered by pressure forces. The thickness of the base plate is chosen depending on the specific pressure and sensitivity of the sensors. The sensors measure the pressure reaction forces travelling through the covering plate onto the base plate. The electronic signal delivered by the sensors serve to control the production process.

IPC 8 full level

**B30B 15/00** (2006.01); **B28B 3/00** (2006.01); **B28B 3/02** (2006.01); **B28B 17/00** (2006.01); **B30B 15/06** (2006.01)

CPC (source: EP)

**B28B 3/02** (2013.01); **B28B 17/0081** (2013.01); **B30B 15/0094** (2013.01); **B30B 15/065** (2013.01)

Citation (search report)

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- [Y] US 5911158 A 19990608 - HENDERSON DOUGLAS A [US], et al
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK YU

DOCDB simple family (publication)

**EP 1533109 A2 20050525; EP 1533109 A3 20071212**

DOCDB simple family (application)

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