

Title (en)

Apparatus for smoothing a product, in particular a semi-finished ceramic product

Title (de)

Vorrichtung zur Glättung eines Produkts, im Besonderen eines halbfertigen Keramikprodukts

Title (fr)

Appareil pour lisser un produit, en particulier un produit en céramique semi-fini

Publication

**EP 2002929 A1 20081217 (EN)**

Application

**EP 08153705 A 20080331**

Priority

IT BO20070411 A 20070612

Abstract (en)

An apparatus (1) for smoothing a product (2), in particular a semi-finished ceramic product, comprises: an abrasive tool (3) in the form of an endless belt (4) which is trained around at least one pair of pulleys (5, 6), at least one of which is power-driven; the belt (4) has an active section (7) and at least one passive section (8); the active section (7) removes material from the product (2), while the passive section (8) receives a regenerating treatment that restores the abrasive capacity of the tool (3); drive means (20) acting on the belt (4) in such a way as to enable the belt (4) itself to move in the space surrounding the product (2); means (10) for spraying a liquid on the belt (4), which has liquid absorption properties, said means (10) being located in the vicinity of the belt (4) itself; and negative pressure means (9) associated with the passive section (8) of the belt (4) and operating in such a way as to extract the liquid and the materials retained by the belt (4) and removed from the product (2) during the smoothing process.

IPC 8 full level

**B28B 11/08** (2006.01)

CPC (source: EP US)

**B24B 19/008** (2013.01 - EP US); **B24B 21/16** (2013.01 - EP US); **B24B 55/08** (2013.01 - EP US); **B28B 11/0845** (2013.01 - EP US)

Citation (applicant)

- US 2336004 A 19431207 - FOWLER BERT F
- EP 0640450 A1 19950301 - INAX CORP [JP]

Citation (search report)

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- [A] DE 29716543 U1 19971030 - ERNST MASCHF GMBH PAUL [DE]
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Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2002929 A1 20081217**; **EP 2002929 B1 20120711**; BR PI0801682 A2 20090127; CN 101323134 A 20081217; CN 101323134 B 20120704; ES 2391423 T3 20121126; IT BO20070411 A1 20081213; MX 2008007636 A 20090304; PL 2002929 T3 20121130; RU 2008123216 A 20091220; RU 2458789 C2 20120820; US 2008311824 A1 20081218

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