

Title (en)

Method and apparatus for manufacturing ceramic products such as cups or mugs or the like

Title (de)

Verfahren und Vorrichtung zur Herstellung von Keramikgegenständen wie Tassen, Becher o. dgl.

Title (fr)

Procédé et dispositif pour la fabrication d'articles en céramique tels que tasses ou gobelets ou analogues

Publication

EP 1424177 A3 20050921 (DE)

Application

EP 03026410 A 20031119

Priority

DE 10255693 A 20021129

Abstract (en)

[origin: EP1424177A2] Production of ceramic objects (12), especially beakers, cups, etc., comprises a first step in which at least one ceramic object is cast in a casting mold (14) having a top mold (16) and a bottom mold and then pressed. In a second step the casting mold is opened, the top mold is moved laterally into a flushing position, and a suction removal device (20) is moved from a lateral waiting position into a suction position to remove the ceramic object from the bottom mold. In a third step the suction removal device is moved laterally with the ceramic object into a jet washing position in which the ceramic object is jet washed. The top mold is simultaneously moved back into the casting position, the casting mold is closed and a new casting process is started. In a fourth step the suction removal device is moved into a discharge position and the ceramic object is transferred to a transport device (32). In a fifth step the suction removal device is moved back into the waiting position and remains in this position until the renewed casting and pressing process has ended. An Independent claim is also included for a device (10) used for producing ceramic objects and comprising a top mold and a bottom mold.

IPC 1-7

B28B 13/06; **B28B 7/38**

IPC 8 full level

B28B 7/38 (2006.01); **B28B 13/06** (2006.01); **B28B 1/26** (2006.01)

CPC (source: EP)

B28B 7/386 (2013.01); **B28B 7/388** (2013.01); **B28B 13/06** (2013.01); **B28B 1/26** (2013.01)

Citation (search report)

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- [A] EP 0463179 A1 19920102 - KAWASAKI STEEL CO [JP], et al
- [A] EP 0484979 A1 19920513 - INAX CORP [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 11 29 November 1996 (1996-11-29)

Cited by

CN101837605A; EP1779987A3

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