



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
21.10.2009 Bulletin 2009/43

(51) Int Cl.:
B28B 11/00 (2006.01)

(43) Date of publication A2:
29.11.2006 Bulletin 2006/48

(21) Application number: **06076001.4**

(22) Date of filing: **04.05.2006**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR
Designated Extension States:
AL BA HR MK YU

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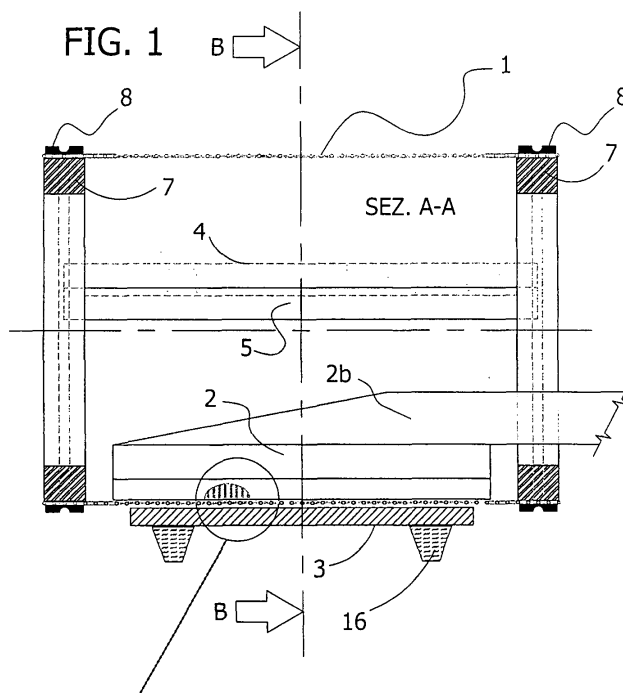
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(30) Priority: **23.05.2005 IT MO20050126**

(54) **A roller screen for decoration of tiles with fluid-jet nozzles**

(57) The device of the invention is applicable to ceramic tile decoration machines mounted in typical rotary silk screening machines. Essentially the device comprises a net wound about a roller (1) fixed by ends thereof to flanges (7) and rings (8) connected to the external machine for support and rotation thereof. The roller (1)

is impregnated with liquid glaze (6) by the doctors (4,5) and nozzles (12) located inside the body blow a fluid at the net, transferring droplets of glaze (6) entrapped in the net onto the surface of the tile (3) to be decorated. The nozzles (12) are provided with microvalves so that a line of a decoration is formed by a predetermined combination of openings of at least a part of the nozzles (12).



Detail showed in FIG.5 and FIG.6



EUROPEAN SEARCH REPORT

Application Number
EP 06 07 6001

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Place of search		Date of completion of the search	Examiner
The Hague		27 August 2009	Labre, Arnaud
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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