

Title (en)
DEVICE, INSTALLATION AND METHOD FOR PRODUCING AN ARTIFICIAL STONE SLAB HAVING COLOURED VEINS, AND ARTIFICIAL STONE SLAB SO OBTAINED

Title (de)
VORRICHTUNG, ANLAGE UND VERFAHREN ZUR HERSTELLUNG EINER KUNSTSTEINPLATTE MIT FARBIGEN ADERN UND SO ERHALTENE KUNSTSTEINPLATTE

Title (fr)
DISPOSITIF, INSTALLATION ET PROCÉDÉ DE PRODUCTION D'UNE DALLE DE PIERRE ARTIFICIELLE PRÉSENTANT DES VEINES COLORÉES ET DALLE DE PIERRE ARTIFICIELLE AINSI OBTENUE

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Abstract (en)
The invention relates to a machining device for machining a base mixture layer (20) deposited over a support surface (30), the base mixture layer comprising inorganic particles and unhardened binder; the machining device comprising:- a machining element (11); wherein the machining device further comprises:- damper means (12) for dampening at least a portion of a force of the machining element (11) over the support surface (30) during machining of the base mixture layer (20), such that the machining element is configured to machine the base mixture layer (20) to produce grooves (21) from an upper surface thereof until the support surface (30). The invention also relates to an installation and a method for producing artificial stone slabs or panels having fine coloured veins. The invention further also relates to the improved artificial stone slab so obtained.

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Citation (applicant)
• WO 2006134179 A2 20061221 - COSENTINO SA [ES], et al
• EP 3095768 A1 20161123 - ENROK SURFACES SL [ES]
• WO 2016113652 A1 20160721 - TONCELLI LUCA [IT]

Citation (search report)
• [X] GB 265644 A 19270207 - REGINALD ARTHUR RYVES, et al
• [X] DE 59471 C
• [X] EP 1344615 A2 20030917 - DIENES WERKE [DE]
• [X] US 2008032050 A1 20080207 - YOON JUNG SOO [KR]
• [XA] WO 2016113652 A1 20160721 - TONCELLI LUCA [IT]
• [XA] WO 2005090034 A1 20050929 - SACMI [IT], et al

Cited by
CN111844360A; CN115366242A

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