

Title (en)

METHOD AND DEVICE FOR MANUFACTURING ARTIFICIAL STONE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES KÜNSTLICHEN STEINS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FABRIQUER DE LA PIERRE ARTIFICIELLE

Publication

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Application

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Abstract (en)

[origin: WO2011090268A2] The present invention relates to a method and device for manufacturing artificial stone. More specifically, the method includes the steps of: (a) mixing two or more kinds of chips having different grain sizes with a raw material for artificial stone; (b) injecting the raw material for artificial stone mixed with the chips into a mold; (c) applying a first vibration using a vibration device such that the raw material is uniformly dispersed in the mold; (d) applying vacuum to eliminate bubbles in the raw material; and (e) molding artificial stone by applying a second vibration using the vibration device. According to the method and device for manufacturing artificial stone of the present invention, the deposition rate of chips exposed at a surface of artificial stone is maximized, and thus the external appearance of artificial stone can be more naturally expressed and resistance against abrasions and staining can be improved.

IPC 8 full level

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