

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

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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.

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