

Title (en)

METHOD OF PRODUCING MANUFACTURED AGGREGATES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KÜNSTLICHEN AGGREGATEN

Title (fr)

PROCEDE DE FABRICATION DE GRANULATS ARTIFICIELS

Publication

EP 1663902 A2 20060607 (FR)

Application

EP 04786275 A 20040806

Priority

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Abstract (en)

[origin: FR2858614A1] Fabrication of artificial granulate (10) consists of: (a) providing a first material (12) comprising particles; (b) providing some elements (16, 18, 20, 22) destined to form a second material; (c) mixing a predetermined quantity (Q 12) of the first material with a predetermined quantity (Q 16, Q 18, Q 20, Q 22) of each of the elements of the second material, thus obtaining a mortar (M 12-14) formed with inclusions of the first material and a matrix of the second material; (d) applying this mortar to a first treatment (T 1) during a first predetermined treatment time (t 1); (e) crushing (C) the mortar to obtain the artificial granulates. The first material has a hardness greater than the second material (claimed) and may be a gneiss sand or a dioritic sand. The second material includes a cement (claimed), silica fume (claimed), a super-plastifying agent and water.

IPC 1-7

C04B 18/02

IPC 8 full level

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CPC (source: EP US)

C04B 18/021 (2013.01 - EP US); **C04B 18/146** (2013.01 - EP US); **C04B 40/0263** (2013.01 - EP US); **C04B 2111/0075** (2013.01 - EP US); **Y02W 30/91** (2015.05 - EP US)

C-Set (source: EP US)

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