

Title (en)

USE OF AN ORGANIC ADDITIVE FOR PRODUCING POROUS CONCRETE

Title (de)

VERWENDUNG EINES ORGANISCHEN ADDITIVS ZUR HERSTELLUNG VON PORENBETON

Title (fr)

UTILISATION D'UN ADDITIF ORGANIQUE DESTINE A LA PRODUCTION DE BETON ALVEOLE

Publication

EP 1904419 A2 20080402 (DE)

Application

EP 06754731 A 20060717

Priority

- EP 2006007024 W 20060717
- DE 102005033454 A 20050718

Abstract (en)

[origin: WO2007009732A2] In order to produce porous concrete, the use of an organic additive with water-reducing, dispersing and/or flowability-increasing properties is provided. This additive is at least one representative of the series of polycondensation products based on naphthalinsulfonic acids or alkylnaphthalinsulfonic acids, melamine-formaldehyde resins containing sulfonic acid groups, and copolymers based on unsaturated mono- or dicarboxylic acid derivatives and on oxyalkylene glycol-alkenyl ethers. This additive is preferably admixed to a non-foamed and, in particular, mixing water-free porous concrete base mix containing lime, a hydraulic binder, preferably cement and sand, whereby quantities between 0.01 and 10 % by weight are considered as preferred quantities. By using the additive in the aforementioned manner, the method for producing porous concrete can be carried out using distinctly less energy and thus more cost-effectively without negatively influencing the typical properties of porous concrete products.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2007009732A2

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