

Title (en)

Method for the production of a concrete slab, and concrete slab produced by this method

Title (de)

Verfahren zur Herstellung einer Betondecke sowie mit diesem Verfahren hergestellte Betondecke

Title (fr)

Méthode de production d'une dalle de béton, et dalle de béton produite par cette méthode

Publication

EP 1905915 B1 20160309 (DE)

Application

EP 06405414 A 20060929

Priority

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Abstract (en)

[origin: EP1905915A1] The method involves building a horizontal formwork (3) and distribution of a filler on the formwork. The filler comprises a mixture of granules and a binding agent. The mixing ratio of granules and binding agent is selected, such that, on one hand the grains of the granules are interconnected with each other and on the other hand continuous interspaces remain between the grains. The binding agent is hardened and a granule layer (2) is accumulated. Concrete reinforcing elements (6) and optional additional elements are recasted. A concrete layer (8) over the granule layer is casted and hardened.

IPC 8 full level

E04B 5/00 (2006.01); **E04B 5/32** (2006.01)

CPC (source: EP)

E04B 5/00 (2013.01); **E04B 5/32** (2013.01)

Citation (examination)

- DE 2905067 A1 19800814 - BAUER EUGEN
- NEITHALATH N ET AL: "Acoustically Efficient Concretes Through Engineered Pore Structure", 3 January 2005, AUTOCLAVED AERATED CONCRETE : PROPERTIES AND STRUCTURAL DESIGN, FARMINGTON HILLS, MICH. : AMERICAN CONCRETE INST., 2005, US, PAGE(S) 135 - 152, ISBN: 978-0-87031-175-8, XP008174190

Cited by

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