

Title (en)
LIGHTWEIGHT CONCRETE COMPOSITIONS CONTAINING ANTIMICROBIAL AGENTS

Title (de)
LEICHTE BETONZUSAMMENSETZUNGEN MIT ANTIKROBIOTIKA

Title (fr)
COMPOSITIONS DE BETON LEGER CONTENANT DES AGENTS ANTIMICROBIENS

Publication
EP 2001818 A4 20110309 (EN)

Application
EP 07753364 A 20070316

Priority

- US 2007006731 W 20070316
- US 38719806 A 20060322
- US 52121006 A 20060914

Abstract (en)
[origin: WO2007111859A2] A lightweight concrete composition containing from 10 to 90 volume percent of a cement composition, from 10 to 90 volume percent of particles having an average particle diameter of from 0.2 mm to 8 mm, a bulk density of from 0.03 g/cc to 0.64 g/cc, an aspect ratio of from 1 to 3, and from 0 to 50 volume percent of aggregate, where the particles contain an antimicrobial agent; where the sum of components used does not exceed 100 volume percent, and where after the lightweight concrete composition is set it has a compressive strength of at least 1700 psi as tested according to ASTM C39 after seven days. The concrete composition can be used to make concrete masonry units, construction panels, dining tables, counter surfaces, bench tops, and/or examination tables as well as other articles.

IPC 8 full level
C04B 16/08 (2006.01)

CPC (source: EP)
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Citation (search report)

- [X] US 5725652 A 19980310 - SHULMAN DAVID M [US]
- [A] US 3214393 A 19651026 - SEFTON ROBERT C
- [A] US 3869295 A 19750304 - BOWLES ANDREW D, et al
- See references of WO 2007111859A2

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