

Title (en)

Suspended ceiling with 3 layer ceiling plates

Title (de)

Hängedecke mit dreischichtigen Deckenplatten

Title (fr)

Plafond suspendu avec plaques de plafond en 3 couches

Publication

**EP 2116661 A1 20091111 (EN)**

Application

**EP 08155716 A 20080506**

Priority

EP 08155716 A 20080506

Abstract (en)

A suspended ceiling arranged below a basic ceiling of a room, such that the basic ceiling and the suspended ceiling is forming a cavity, said suspended ceiling comprising a grid of profiles, said grid forming rectangular or substantially rectangular openings; and further comprising ceiling plates arranged in said openings of the grid, said ceiling plates having two major surfaces and four edge sections, said ceiling plate comprising a first layer comprising fibres, a second airtight sheet layer and a third layer comprising mineral fibres, said three layers are extending parallel or substantially parallel with the two major surfaces. The suspended ceiling further comprising paint applied to the edge sections of the ceiling plates whereby the air flow resistance through the edge sections is increased. The suspended ceiling further comprising means for forming tight connections with a high air flow resistance between either, the ceiling plates and the grid profiles, or, between two adjacent ceiling plates. The invention further concerns a method for manufacturing a suspended ceiling.

IPC 8 full level

**E04B 9/00** (2006.01); **E04B 9/04** (2006.01); **E04B 9/06** (2006.01); **E04B 9/24** (2006.01)

CPC (source: EP)

**E04B 9/001** (2013.01); **E04B 9/045** (2013.01); **E04B 9/242** (2013.01); **E04B 2001/8461** (2013.01)

Citation (applicant)

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- US 4428454 A 19840131 - CAPAUL RAYMOND W [US], et al
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Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2116661 A1 20091111**; EP 2286042 A1 20110223; RU 2010149313 A 20120620; WO 2009135811 A1 20091112

DOCDB simple family (application)

**EP 08155716 A 20080506**; EP 09742029 A 20090504; EP 2009055333 W 20090504; RU 2010149313 A 20090504