

Title (en)

Ceiling panel, ceiling panel hanger, suspended ceiling system, method of mounting a ceiling panel in a ceiling structure and method of manufacturing a ceiling panel

Title (de)

Deckenplatte, Deckenplattenaufhängung, System mit abgehängter Decke, Verfahren zur Montage einer Deckenplatte in einer Deckenstruktur und Verfahren zur Herstellung einer Deckenplatte

Title (fr)

Panneau de plafond, suspension de panneau de plafond, système de plafond suspendu, procédé de montage d'une structure de plafond et procédé de fabrication d'un panneau de plafond

Publication

**EP 2184417 A1 20100512 (EN)**

Application

**EP 08168711 A 20081110**

Priority

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Abstract (en)

The suspended ceiling system comprises a ceiling panel (2) and a hanger (3) comprising two flanges (10, 11) being engaged in a cutout being formed in a top surface (5) of the ceiling panel (2). The flanges are rigidly connected and adapted for suspension in a ceiling structure. The first flange (10) of the ceiling panel hanger (3) forms an angle with the top surface of the ceiling panel of at least approximately 10 degrees, and the second flange (11) of the ceiling panel hanger forms an angle with the first flange (10) of at least approximately 10 degrees. The cutout in the top surface (5) of the ceiling panel (2) is provided in the form of a first groove (8) and a second groove (9). A method of mounting a ceiling panel in a ceiling structure and a method of manufacturing a ceiling panel are also disclosed.

IPC 8 full level

**E04B 9/04** (2006.01); **E04B 9/22** (2006.01); **E04B 9/28** (2006.01)

CPC (source: EP)

**E04B 9/04** (2013.01); **E04B 9/22** (2013.01); **E04B 9/28** (2013.01)

Citation (applicant)

WO 2007012077 A2 20070125 - ARMSTRONG WORLD IND INC [US], et al

Citation (search report)

- [X] US 4033083 A 19770705 - FRITZ THOMAS W, et al
- [A] BE 520542 A
- [A] BE 484286 A
- [A] US 2003145547 A1 20030807 - KLIEGLE DENNIS ROBERT [US], et al

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