

Title (en)

Ceiling tile for a suspended ceiling and an associated installation method

Title (de)

Deckenelement für eine abgehängte Decke und zugehöriges Montageverfahren

Title (fr)

Tuile de plafond pour plafond suspendu et procédé d'installation associé

Publication

EP 2631381 B1 20150812 (EN)

Application

EP 12156742 A 20120223

Priority

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Abstract (en)

[origin: EP2631381A1] In accordance with the present inventive concept, there is provided a polygon-shaped ceiling tile (100) having a front surface (102), a back surface (104) and two adjacent side-edge portions (110, 112), wherein each side-edge portion (110, 112) comprises a first (120, 124) and a second (122, 126) segment, the first segments (120, 124) adjoining each other. Each first segment (120, 124) is provided with an installation groove (140, 150) extending along the side-edge portion (110, 112) associated thereto, and each second segment (122, 126) is provided with a stepped profile extending along the side-edge portion (110, 112) associated thereto for forming a step in the back surface (104). There is also provided a method for mounting the ceiling tile (100) in a supporting frame comprised in a suspended ceiling.

IPC 8 full level

E04B 9/24 (2006.01); **E04B 9/04** (2006.01); **E04B 9/28** (2006.01)

CPC (source: EP)

E04B 9/0435 (2013.01); **E04B 9/24** (2013.01); **E04B 9/28** (2013.01)

Cited by

CN107268859A; CN117627260A; US9273465B1; US9637919B2; US2022010555A1; EP3825488A4; US11952777B2

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