

Title (en)

A PLANAR SUSPENDED CEILING SYSTEM AND A METHOD FOR INSTALLING THE CEILING SYSTEM

Title (de)

PLANARES ZWISCHENDECKENSYSYSTEM UND VERFAHREN ZUR MONTAGE DES DECKENSYSYSTEMS

Title (fr)

SYSTÈME DE PLAFOND SUSPENDU PLAN ET PROCÉDÉ D'INSTALLATION DU SYSTÈME DE PLAFOND

Publication

EP 3874098 A1 20210908 (EN)

Application

EP 19801769 A 20191031

Priority

- SE 1851365 A 20181101
- EP 2019079860 W 20191031

Abstract (en)

[origin: WO2020089407A1] The inventive concept relates to a planar suspended ceiling system comprising: a ceiling tile (10) having a front side (1), a rear side (2) and at least one side edge extending between the front side (1) and the rear side (2), the ceiling tile (10) comprising an acoustical absorbing body (4), and a front cover (3) arranged at the front side (1) of the ceiling tile (10); wherein a slit (5) is provided extending across the entire rear side (2) of the acoustical absorbing body (4) thereby dividing said acoustical absorbing body (4) into a first and a second body section (4a, 4b), and having a depth such that the ceiling tile (10) is foldable along the slit (5) with the front cover (3) acting as a joint; wherein opposing portions of the at least one side edge are provided with each a groove (6) and; a grid of profiles (11) for supporting said ceiling tile (10) in a planar, non-folded state in which flanges (7) of the grid of profiles (11) extend into the grooves (6) thereby supporting the ceiling tile (10).

IPC 8 full level

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CPC (source: EP SE US)

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Citation (search report)

See references of WO 2020089407A1

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