

Title (en)
Suspended ceiling system and method

Title (de)
Hängedeckensystem und Verfahren

Title (fr)
Système de plafond suspendu et procédé

Publication
EP 2884019 A1 20150617 (EN)

Application
EP 13197127 A 20131213

Priority
EP 13197127 A 20131213

Abstract (en)
The present invention relates to a suspended ceiling system (100, 500) for a room having a structural ceiling. The system (100, 500) comprising: a body unit (108a-e, 208a-c, 308, 508a-c, 608 a-c) attachable to said structural ceiling, at least two string like suspension members (104a-e, 204a-c, 304, 404, 504a-c, 604a-c), such as a wire, a line, a cable, a cord, a thread, and a ceiling tile (102a-e, 402, 502a-c) with sound absorbing properties. Each string like suspension member (104a-e, 204a-c, 304, 404, 504a-c, 604a-c) is attachable to said ceiling tile (102a-e, 402, 502a-c) at two attachment points (106a-e, 406). Said ceiling tile (102a-e, 402, 502a-c) is suspendable in said body unit (108a-e, 208a-c, 308, 508a-c, 608 a-c) by means of said at least two string like suspension members (104a-e, 204a-c, 304, 404, 504a-c, 604a-c). Said body unit (108a-e, 208a-c, 308, 508a-c, 608 a-c) for each of said at least two string like suspension members (104a-e, 204a-c, 304, 404, 504a-c, 604a-c) defines a suspension member receiving path (205a-c, 305) for reception thereof. The present invention also relates to a corresponding method.

IPC 8 full level
E04B 9/20 (2006.01); **E04B 9/22** (2006.01); **E04B 9/34** (2006.01)

CPC (source: EP)
E04B 9/20 (2013.01); **E04B 9/225** (2013.01); **E04B 9/34** (2013.01)

Citation (search report)
• [X] DE 29504558 U1 19960718 - KOHLER DANIEL DIPL ARCHITEKT [DE]
• [A] FR 2586441 A1 19870227 - TIASO [FR]
• [A] DE 3243242 A1 19840524 - REITZ HERBERT WILHELM [DE]
• [A] US 2008250731 A1 20081016 - WHEELER JEFFREY L [US]
• [A] DE 29600213 U1 19960328 - MECKING STUDIODESIGN GMBH & CO [DE]
• [A] EP 2546430 A1 20130116 - SAINT GOBAIN ECOPHON AB [SE]

Cited by
CN108222355A; AU2018215376B2; US11732464B2; EP3112546A1; CN114892878A; US10704775B2; EP3584382A1; WO2018174964A1; WO2017001137A1; US11274442B2; WO2019243103A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2884019 A1 20150617; **EP 2884019 B1 20161116**; DK 2884019 T3 20170220; PL 2884019 T3 20170731; WO 2015086657 A1 20150618

DOCDB simple family (application)
EP 13197127 A 20131213; DK 13197127 T 20131213; EP 2014077173 W 20141210; PL 13197127 T 20131213