

Title (en)
CEILING SYSTEM

Title (de)
DECKENSYSTEM

Title (fr)
SYSTÈME DE PLAFOND

Publication
EP 3371388 A4 20190605 (EN)

Application
EP 16864799 A 20161104

Priority
• US 201514935551 A 20151109
• US 201514935562 A 20151109
• US 2016060438 W 20161104

Abstract (en)
[origin: WO2017083181A1] A ceiling system including a ceiling structure suspended in an interior space. The ceiling structure includes a perimeter frame defining a central opening and a support grid having a plurality of intersecting struts defining a plurality of grid openings. The perimeter frame may include a fabric gripping member for retaining the tensioned fabric sheet. The support grid is disposed within the central opening and coupled to the perimeter frame. An acoustic ceiling panel is disposed in one of the grid openings. A tensioned fabric sheet is coupled to the perimeter frame to close the central opening. The tensioned fabric sheet may wrap around an outer surface of the perimeter frame. In some embodiments multiple tensioned fabric sheets may be coupled to the perimeter frame each closing the central opening to create a desired effect.

IPC 8 full level
E04B 9/00 (2006.01); **E04B 9/04** (2006.01); **E04B 9/12** (2006.01); **E04B 9/30** (2006.01); **E04B 9/06** (2006.01); **E04B 9/36** (2006.01)

CPC (source: EP)
E04B 9/04 (2013.01); **E04B 9/303** (2013.01); **E04B 9/001** (2013.01); **E04B 9/068** (2013.01); **E04B 9/125** (2013.01); **E04B 9/127** (2013.01); **E04B 9/363** (2013.01); **E04B 2009/0492** (2013.01)

Citation (search report)
• [X] US 3513613 A 19700526 - JONES ISAAC PALMER, et al
• [X] DE 2609873 A1 19770915 - METZGER JOHANNA
• [X] US 5970669 A 19991026 - LIVINGSTON BRYAN K [US]
• See also references of WO 2017083181A1

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

DOCDB simple family (publication)
WO 2017083181 A1 20170518; CA 3003279 A1 20170518; CA 3003279 C 20231205; EP 3371388 A1 20180912; EP 3371388 A4 20190605; EP 3371388 B1 20240103

DOCDB simple family (application)
US 2016060438 W 20161104; CA 3003279 A 20161104; EP 16864799 A 20161104