

Title (en)

Suspended ceiling comprising a noise damper

Title (de)

Hängedecke mit Schalldämpfer

Title (fr)

Plafond suspendu comprenant un amortisseur de bruit

Publication

EP 2559823 B1 20140226 (EN)

Application

EP 12177556 A 20120724

Priority

US 201113136983 A 20110816

Abstract (en)

[origin: EP2559823A1] Noise dampers (41) of sound absorbent material are inserted on the metal grid beams (21) in a suspended ceiling (43). Hangers (40), embedded in a structural ceiling (22), that support the beams (21), are insulated from the beams (21) by the noise dampers (41). Sound vibrations generated in the structural ceiling (22), which is often a floor, are not transmitted through the hangers (40), to the suspended ceiling (43), or to the room, below, but are absorbed in the dampers (41) before reaching the grid beams (21).

IPC 8 full level

E04B 9/18 (2006.01)

CPC (source: EP US)

E04B 9/18 (2013.01 - EP US); **E04B 2009/186** (2013.01 - EP US)

Cited by

CN103899003A; US2020190798A1; US10941569B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 12177556 A 20120724; AU 2012211331 A 20120802; ES 12177556 T 20120724; PL 12177556 T 20120724; US 201113136983 A 20110816