

Title (en)
A BUILDING PART WITH HIGH SOUND INSULATION PERFORMANCE

Title (de)
GEBÄUDETEIL MIT HOHER SCHALLDÄMMUNGSLEISTUNG

Title (fr)
ÉLÉMENT DE CONSTRUCTION AYANT UNE HAUTE PERFORMANCE D'ISOLATION SONORE

Publication
EP 3235974 A1 20171025 (EN)

Application
EP 17165520 A 20170407

Priority
SE 1650531 A 20160420

Abstract (en)
The present invention relates to a building part comprising a floating floor (6) resting on a support structure (1). The floating floor (6) comprises an upper floor (7) and a plurality of floor elements (8) arranged spaced apart from each other and attached to the upper floor (7). The support structure (1) comprises a plurality of floor support members (4) arranged spaced apart from the floor elements (8). The building part comprises a plurality of elastic tension straps (10) extending between the floating floor (6) and the support structure (1) such that the floor elements (8) rest on the tension straps (10) and the tension straps bear on the floor support members, wherein floor elements (8) and the floor support members (4) are elongated, the floor support members are arranged in parallel with the floor elements, and the tension straps (10) extend transversally with respect to the floor elements (8) and the floor support members (4) along the support structure (1).

IPC 8 full level
E04F 15/22 (2006.01); **E04B 1/82** (2006.01); **E04B 5/12** (2006.01); **E04B 9/00** (2006.01)

CPC (source: EP SE)
E04B 1/82 (2013.01 - SE); **E04F 15/22** (2013.01 - EP); **E04B 5/02** (2013.01 - SE); **E04B 5/12** (2013.01 - EP); **E04B 5/43** (2013.01 - SE); **E04B 9/001** (2013.01 - EP); **E04B 2001/8254** (2013.01 - EP); **E04F 15/20** (2013.01 - SE)

Citation (applicant)
• SE 1450219 A1 20150826 - REFÓND BENNY [SE]
• SE 1450219 A1 20150826 - REFÓND BENNY [SE]

Citation (search report)
• [X] SE 525454 C2 20050222 - SAMUELSSON STURE [SE], et al
• [X] GB 2440936 A 20080220 - MACA R & D LTD [IE]

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 3235974 A1 20171025; **EP 3235974 B1 20200812**; SE 1650531 A1 20171021; SE 541471 C2 20191008

DOCDB simple family (application)
EP 17165520 A 20170407; SE 1650531 A 20160420