

Title (en)

FLOOR STRUCTURE WITH INTEGRATED VOID FOR SERVICE INSTALLATIONS

Title (de)

BODENAUFBAU MIT INTEGRIERTEM HOHLRAUM FÜR VERSORGUNGSLEITUNGEN

Title (fr)

STRUCTURE DE PLANCHER AVEC UN VIDE INTÉGRÉ POUR INSTALLATIONS TECHNIQUES

Publication

**EP 2337909 B1 20130508 (FR)**

Application

**EP 09781876 A 20090814**

Priority

- EP 2009060576 W 20090814
- LU 91478 A 20080910

Abstract (en)

[origin: WO2010028930A1] The invention relates to a floor structure (1) with a gap for technical equipment, including a metal carrier structure made of metal bearing beams (2) and struts (3, 3') arranged between the metal bearing beams, both having webs with passage openings (4, 4') for ducts. A ceiling (7) is suspended underneath the metal carrier structure. An upper surface of the floor is made of slabs (110, 110') that are carried by adjustable bearings (6) directly on the struts. It is thus possible to form a continuous gap for technical equipment that extends from the lower surface of the slabs to the upper surface of the suspended ceiling without additional horizontal separation therebetween. At least certain slabs (110, 110') are easily removable so as to provide access from the top to the gap for technical equipment.

IPC 8 full level

**E04B 5/02** (2006.01); **E04B 9/00** (2006.01); **E04F 15/024** (2006.01)

CPC (source: EP)

**E04B 5/023** (2013.01); **E04B 9/001** (2013.01); **E04B 9/045** (2013.01); **E04F 15/02423** (2013.01)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010028930 A1 20100318**; EP 2337909 A1 20110629; EP 2337909 B1 20130508; LU 91478 B1 20100311

DOCDB simple family (application)

**EP 2009060576 W 20090814**; EP 09781876 A 20090814; LU 91478 A 20080910