

Title (en)

Floor structure with thermal and sound insulation

Title (de)

Fußbodenaufbau mit thermischer Dämmung und Schalldämmung

Title (fr)

Structure de sol dotée d'une isolation thermique et phonique

Publication

EP 2077360 B1 20140806 (DE)

Application

EP 08168907 A 20081112

Priority

DE 102008003256 A 20080104

Abstract (en)

[origin: EP2077360A2] The construction has a bottom layer (24) made of particles, which exhibit thermal conductivity of less than or equal to 0.1 Watts per meter-Kelvin (W/mK) and are not connected by binding agents. A middle layer (28) is made of mats (30), which consists of plastic foam. The middle layer is of a thickness of 1 centimeter. A water-proof film (32) i.e. PVC film, is provided. A supporting, floating screed layer (36) is surrounded by circumferential edge isolation (38) i.e. flexible band. The particles are made from polyurethane, polyether, latex and textiles.

IPC 8 full level

E04F 15/12 (2006.01); **E04F 15/20** (2006.01)

CPC (source: EP)

E04F 15/12 (2013.01); **E04F 15/188** (2013.01); **E04F 15/20** (2013.01); **E04F 15/203** (2013.01)

Cited by

CN103485516A; GB2460332A; GB2460332B

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