

Title (en)

Floor structure and floor base panel

Title (de)

Fussbodenaufbau und Fussbodenbasisplatte

Title (fr)

Structure de plancher et panneau de base pour plancher

Publication

EP 1298266 A3 20031112 (EN)

Application

EP 02021662 A 20020927

Priority

- JP 2001296340 A 20010927
- JP 2002060184 A 20020306

Abstract (en)

[origin: EP1298266A2] In the floor base panel (40), an area on the support board (33) of the vibration proof support leg (30) is formed solid, and in the other area, a plurality of cavities (41) extending in the parallel direction to the floor surface are formed. Thereby, because the vibration energy propagated from the impact point of the floor base panel (40) is reflected on the boundary between the cavity formation area and the sold area, and repeatedly passes the cavity formation area, it is attenuated in a short time, and the vibration energy or sound energy transmitted to a slab (20) can be reduced. <IMAGE>

IPC 1-7

E04F 15/024

IPC 8 full level

E04B 1/98 (2006.01); **E04B 5/48** (2006.01); **E04F 15/00** (2006.01); **E04F 15/024** (2006.01); **E04F 15/04** (2006.01); **E04F 15/18** (2006.01); **E04F 15/20** (2006.01)

CPC (source: EP)

E04F 15/02405 (2013.01)

Citation (search report)

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- [XY] DE 1935580 A1 19710121 - RHEINHOLD & MAHLA GMBH
- [YA] EP 0652336 A1 19950510 - DLC SRL [IT]
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CN111535543A; CN111535542A; EP2740860A1; CN110158878A; EP1605115A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1298266 A2 20030402; **EP 1298266 A3 20031112**; **EP 1298266 B1 20081203**; EP 2014846 A2 20090114; EP 2014846 A3 20090318

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EP 02021662 A 20020927; EP 08018096 A 20020927