

Title (en)
Resiliently-cushioned flexible floor

Title (de)
Federnd nachgiebiger Fussboden

Title (fr)
Plancher souple à amortissement élastique

Publication
EP 0636756 B1 19970305 (DE)

Application
EP 94890127 A 19940728

Priority
AT 151593 A 19930729

Abstract (en)
[origin: EP0636756A1] Resiliently compliant floor (1), in particular for sports halls, which is formed, on its upper side, by parquetry elements (2) which are borne by spaced-apart, mutually parallel springing boards (3). The springing boards (3) are supported on a subfloor (8) via elastic supporting bodies in the form of lamellae (7). The parquetry elements (2) have a wearing layer comprising strips (5) and have a load-bearing layer (6) comprising small boards running transversely with respect to the strips. The lamellae (7), which are designed in the form of rigidly elastic plates, are fixed on the underside of the springing boards (3), and the underside (10) of the lamellae is inclined with respect to the subfloor, at least in the non-loaded rest state of the floor. When the floor is in the non-loaded rest state, said lamellae (7) are supported on the subfloor (8) by an edge (11). The lamellae preferably consist of wood. <IMAGE>

IPC 1-7
E04F 15/22

IPC 8 full level
E04F 15/22 (2006.01)

CPC (source: EP)
E04F 15/22 (2013.01)

Cited by
EP1347117A4; US10329777B2

Designated contracting state (EPC)
CH DE FR IT LI

DOCDB simple family (publication)
EP 0636756 A1 19950201; EP 0636756 B1 19970305; AT 400870 B 19960425; AT A151593 A 19950815; DE 59401886 D1 19970410

DOCDB simple family (application)
EP 94890127 A 19940728; AT 151593 A 19930729; DE 59401886 T 19940728