Title (en)

Access floor system comprising sandwich boards

Title (de)

Doppelbodensystem mit Verbundpaneelen

Title (fr)

Système de faux plancher surélevé comprenant des panneaux-sandwichs

Publication

EP 1589159 A2 20051026 (EN)

Application

EP 04027234 A 20041117

Priority

KR 20040011275 U 20040423

Abstract (en)

An access floors for reducing floor impact sound. The access floor system includes a plurality of supports (10) disposed at regular intervals, and upper plates (20) placed on the supports, each of the upper plates including an upper board (21), a lower board (22), and a quadrangular reinforcing frame (23) disposed between the upper board and the lower board. By employing the high rigidity sandwich upper plate, the upper plate can be light and the interval between the supports can be widened in comparison with the conventional access floor system, so that the floor impact sound reduction effect is enhanced. Since sound absorbing material or head insulation material is inserted between the reinforcing members, the sound absorption performance or the heat insulation performance can be enhanced. More particularly, the floor impact sound in apartments is absorbed so that comfortable environment without noise can be realized.

IPC 1-7

E04F 15/024

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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DOCDB simple family (publication)

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