

Title (en)
Hollow panel

Title (de)
Hohlkammerplatte

Title (fr)
Panneau creux

Publication
EP 1400636 A1 20040324 (EN)

Application
EP 03021112 A 20030919

Priority
JP 2002274727 A 20020920

Abstract (en)
A hollow panel (10) includes comprise hollow portions (12) between front and rear outer sides (11) having a substantially flat plate shape. In the hollow panel (10), the surface density is partially differentiated, whereby a lack of sound insulation due to the coincidence effect at a specific frequency is prevented from occurring. The surface density or the rigidity can be made non-uniform to suppress the lack of sound insulation, by differentiating sectional areas by forming plural kinds of widths of the hollow portions (12), or by differentiating the distances between partition walls (13) or the thicknesses of the walls.

IPC 1-7
E04B 1/86; E04B 1/99

IPC 8 full level
E04B 1/86 (2006.01); **E04B 2/02** (2006.01); **E04C 2/30** (2006.01); **E04C 2/34** (2006.01); **E04C 2/36** (2006.01); **E04B 1/84** (2006.01)

CPC (source: EP US)
E04B 1/86 (2013.01 - EP US); **E04C 2/34** (2013.01 - EP US); **E04C 2/36** (2013.01 - EP US); **E04B 2001/8457** (2013.01 - EP US); **E04B 2001/8471** (2013.01 - EP US); **E04B 2001/8476** (2013.01 - EP US)

Citation (search report)

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