

Title (en)

Prefabricated sound insulating and sound absorbing panel for building construction, roads, tunnels and the like, and manufacturing process thereof

Title (de)

Vorgefertigte Schallisolierung und schallabsorbierende Tafel für Hausbau, Straßen, Tunnels und dergleichen, und Herstellungsprozess davon

Title (fr)

Panneau d'isolation sonore préfabriqué et insonorisant pour construction de bâtiment, routes, tunnels et analogues, et son procédé de fabrication

Publication

EP 2612972 B1 20150114 (EN)

Application

EP 12007457 A 20121031

Priority

IT TO20111000 A 20111103

Abstract (en)

[origin: EP2612972A1] Prefabricated sound insulating and sound absorbing panel (10) for building construction, roads, tunnels and the like, comprising at least two structural layers (11.1, 12.1; 11.2, 12.2), one of which at least contains blast furnace slag as sound insulating material, characterized in that said panel (10) comprises: - a back base layer (11.1; 12.1), made with a deep blending of concrete and slag in powder state and forming a barrier with a high sound insulating power, and - a front facing layer (11.2; 12.2), made with a deep blending of concrete and slag in natural granulated state, so-called granular slag, and forming a barrier with a high sound absorbing power. (Fig. 1)

IPC 8 full level

E04B 1/86 (2006.01)

CPC (source: EP)

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