

Title (en)
BUILDING WALL WITH A SUPPORT FRAME

Title (de)
GEBÄUDEWAND MIT EINEM STÜTZGERÜST

Title (fr)
MUR DE BÂTIMENT AVEC UNE STRUCTURE DE SUPPORT

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Application
EP 10009883 A 20030628

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Abstract (en)
[origin: WO2004009927A1] The invention relates to an insulating layer consisting of mineral fibres, and a building wall comprising a supporting framework consisting of at least two interspaced, preferably perpendicularly oriented posts, especially in the form of C, U, W or ohm-shaped profiled metal parts, a lining on at least one side, preferably in the form of gypsum plasterboard and/or gypsum fibreboard, and heat and/or sound insulation consisting of an insulating layer. The aim of the invention is to develop an insulating layer and a building wall in such a way that the construction thereof, especially the assembly, is essentially simplified and accelerated such that a cost-effective assembly can be achieved with insulation results which are at least as good. To this end, the mineral fibre body (10) consists of at least two layers (11, 12) which are arranged in the form of a sandwich and have a different apparent density and/or dynamic rigidity.

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Citation (search report)
• [Y] DE 2611033 A1 19770922 - ARMSTRONG CORK CO
• [Y] EP 0277500 A2 19880810 - ROCKWOOL MINERALWOLLE [DE]
• [Y] DE 4222207 A1 19940113 - ROCKWOOL MINERALWOLLE [DE]
• [A] DE 19734532 A1 19990204 - THUERINGER DAEMMSTOFFWERKE GMB [DE]
• [A] US 3712846 A 19730123 - DANIELS W, et al
• [A] DE 2546758 A1 19760422 - TRAEULLIT AB
• [A] DE 4030407 A1 19920402 - PAPE HANS [DE], et al

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