

Title (en)

Reinforced concrete wall provided with insulating panels on the underside and a method of making such wall

Title (de)

Verstärkte Betonwand mit Isolierplatten auf der Unterseite und Herstellungsverfahren für die Wand

Title (fr)

Mur en béton renforcé fourni avec des panneaux isolants sur la face inférieure et procédé de fabrication de ce mur

Publication

EP 2584111 A1 20130424 (EN)

Application

EP 11290478 A 20111018

Priority

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Abstract (en)

The invention relates to a reinforced concrete wall comprising a reinforced concrete slab (10) provided with insulating panels (12) based on mineral fibres, fixed in the lower surface of the concrete slab by anchoring elements (14) and serving as shuttering when the concrete is poured. Each of the insulating panels (12) comprises an insulating base layer (16) of mineral fibres and a rigid surface layer (18), the base layer (16) being arranged underneath the reinforced concrete slab (10) and the rigid surface layer (18) being arranged under the insulating base layer (16) to form an outer facing. The invention applies particularly to ceilings of cellars or car parks.

IPC 8 full level

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CPC (source: EP)

E04B 2/842 (2013.01); **E04B 5/36** (2013.01); **E04C 2/288** (2013.01)

Citation (applicant)

- WO 2008055653 A1 20080515 - ROCKWOOL MINERALWOLLE [DE], et al
- EP 0427596 B1 19950510 - SAINT GOBAIN ISOVER [FR]
- FR 2624154 B1 19900504 - ROCKWOOL ISOLATION SA [FR]
- WO 2007045744 A1 20070426 - ARCELOR CONSTRUCTION FRANCE [FR], et al
- EP 1180182 B1 20070509 - ROCKWOOL INT [DK]
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Citation (search report)

- [XYI] DE 3925780 A1 19910207 - GRUENZWEIG & HARTMANN [DE]
- [XI] DE 9005635 U1 19900719
- [AD] WO 2008055653 A1 20080515 - ROCKWOOL MINERALWOLLE [DE], et al
- [YDA] EP 0427596 A1 19910515 - SAINT GOBAIN ISOVER [FR]
- [Y] EP 1106742 A2 20010613 - ROCKWOOL MINERALWOLLE [DE]
- [A] US 3591228 A 19710706 - WEBB DAVID JOHN TUDOR

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