

Title (en)
RIGID INSULATING PANEL

Title (de)
STARRE ISOLIERPLATTE

Title (fr)
PANNEAU ISOLANT RIGIDE

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EP 2941512 A4 20160921 (EN)

Application
EP 13869579 A 20131223

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Abstract (en)
[origin: WO2014102713A1] The invention relates to a rigid insulating panel comprising a core plate, and two outer plates disposed at opposite faces of the core plate, wherein: the core plate is formed from polymeric foam composite material comprising a polymeric foam and man-made vitreous fibres produced with a cascade spinner or a spinning cup, wherein at least 50% by weight of the man-made vitreous fibres present in the foam composite material have a length of less than 100 micrometres; and each outer layer comprises man-made vitreous fibres and binder and has a density of at least 300kg/m³, such as at least 450 kg/m³, such as around 500 kg/m³.

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Citation (search report)

- [Y] US 4366204 A 19821228 - BRIGGS PETER J
- [Y] US 2007015842 A1 20070118 - MOERMAN MARC [FR], et al
- [Y] WO 2011006875 A2 20110120 - ROCKWOOL INT [DK], et al
- See references of WO 2014102713A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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