

Title (en)
Microfiber-containing fiber reinforced facer mats and the method of making

Title (de)
Mikrofaserhaltige faserverstärkte Seitenmatten und Herstellungsverfahren

Title (fr)
Parements renforcés de fibres contenant des microfibres et leur procédé de fabrication

Publication
EP 2612969 A3 20131106 (EN)

Application
EP 13000048 A 20130107

Priority
US 201213345868 A 20120109

Abstract (en)
[origin: EP2612969A2] Fiber-reinforced composite mats are described that include a non-woven web of fibers. The web of fibers may include a first group of fibers having an average fiber diameter from about 8 μm to about 25 μm , and a second group of fibers having an average fiber diameter from about 0.5 μm to about 6.5 μm . A binder bonds together the non-woven web of fibers into the fiber reinforced composite having an air permeability of 250 cfm/ft² or less. Also described are gypsum boards that include one or more facers affixed to at least one surface of the gypsum board. The facers may be made from the above, described fiber-reinforced composite mats.

IPC 8 full level
D21H 13/40 (2006.01); **E04C 2/04** (2006.01)

CPC (source: EP US)
D21H 13/40 (2013.01 - EP US); **E04C 2/043** (2013.01 - EP US); **Y10T 442/60** (2015.04 - EP US)

Citation (search report)

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- [A] US 4637951 A 19870120 - GILL FREDERICK A [US], et al
- [A] EP 2083129 A2 20090729 - JOHNS MANVILLE [US]
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EP2690217A1; US9267238B2; US10428450B2; WO2021061602A1

Designated contracting state (EPC)
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

Designated extension state (EPC)
BA ME

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