Title (en)

AIR-CURED BATTING INSULATION

Title (de)

LUFTGEHÄRTETE WATTIERUNGSISOLIERUNG

Title (fr)

ISOLATION DE NAPPE OUATÉE DURCIE À L'AIR

Publication

EP 3532666 A1 20190904 (EN)

Application

EP 17865837 A 20171031

Priority

- US 201662415137 P 20161031
- US 2017059188 W 20171031

Abstract (en)

[origin: WO2018081771A1] Air-cured batting includes a nonwoven web. The batting contains 75 to 97.5 wt % of fiber mixture, and 2.5 to 25 wt % of resin comprising a cross-linked copolymer of butyl acrylate and methyl methacrylate, wherein the resin is present on a first surface of the batting, and on a second surface of the batting, the second surface being parallel to the first surface, and wherein the resin is adhered to fibers of the fiber mixture, thereby forming a bonded structure, such that, by virtue of the resin, the air-cured batting has structural integrity that imparts handleability of the batting in sheet form. Articles comprising the air-cured batting and methods of making the air-cured batting are also provided.

IPC 8 full level

D04H 1/4374 (2012.01); **D04H 1/06** (2012.01); **D04H 1/4391** (2012.01)

CPC (source: EP KR RU US)

D04H 1/06 (2013.01 - KR US); **D04H 1/4374** (2013.01 - EP KR RU US); **D04H 1/4391** (2013.01 - KR); **D04H 1/587** (2013.01 - EP KR); **D04H 1/593** (2013.01 - EP KR); **D04H 1/64** (2013.01 - EP KR); **D04H 1/641** (2013.01 - EP); **D04H 1/732** (2013.01 - EP KR US); **D04H 1/74** (2013.01 - EP KR); **D06M 15/263** (2013.01 - EP KR); D04H 1/43912 (2020.05 - EP US); D04H 1/43918 (2020.05 - EP US); D10B 2101/10 (2013.01 - KR US); D10B 2331/04 (2013.01 - KR US); D10B 2401/04 (2013.01 - KR US)

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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