Title (en)

GLASS FIBER BUNDLES FOR MAT APPLICATIONS AND METHODS OF MAKING THE SAME

Title (de)

GLASFASERBÜNDEL FÜR MATTENANWENDUNGEN UND HERSTELLUNGSVERFAHREN

Title (fr)

FAISCEAUX DE FIBRES DE VERRE DESTINES A DES MATS ET PROCEDES DE FABRICATION DE CEUX-CI

Publication

EP 1924534 A1 20080528 (EN)

Application

EP 06814264 A 20060908

Priority

- US 2006034795 W 20060908
- US 22424605 A 20050912

Abstract (en)

[origin: US2007059506A1] Dried bundles of chopped glass fibers that may be used in mat forming applications is provided. The chopped glass fiber bundles are formed of individual glass fibers positioned in a substantial parallel orientation. The dried chopped glass fiber bundles may be prepared by applying a size composition to attenuated glass fibers, splitting the fibers to obtain a desired bundle tex, chopping the wet glass bundles to a discrete length, and drying the wet glass bundles in a dielectric oven, a Cratec(R) oven, or a rotating tray oven. Alternatively, the dried chopped glass bundles may be prepared by sizing attenuated glass fibers, passing the sized fibers through a heat transfer chamber where air heated by a bushing is drawn into the heat transfer chamber to dry the glass fiber bundles, splitting the dried, sized glass fiber bundles to obtain a desired bundle tex, and chopping the dried bundles of glass fibers.

IPC 8 full level

C03C 25/26 (2006.01)

CPC (source: EP KR US)

C03C 25/12 (2013.01 - EP KR US); **C03C 25/26** (2013.01 - EP KR US); **C03C 25/32** (2013.01 - KR); **C03C 25/323** (2013.01 - EP US); **C03C 25/326** (2013.01 - EP US); **C03C 25/36** (2013.01 - EP KR US); **F26B 3/347** (2013.01 - EP US); **F26B 13/001** (2013.01 - EP US); **F26B 17/04** (2013.01 - EP US); Y10T 428/249924 (2015.04 - EP US)

Citation (search report)

See references of WO 2007032988A1

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