

Title (en)

Apparatus for manufacturing glass chopped strand mat

Title (de)

Vorrichtung zur Herstellung einer Glasfaserschnittmatte

Title (fr)

Appareil de fabrication d'une nappe de fils de verre coupés

Publication

**EP 2610382 B1 20140514 (EN)**

Application

**EP 12199711 A 20121228**

Priority

JP 2011288875 A 20111228

Abstract (en)

[origin: EP2610382A1] A glass chopped strand mat manufacturing apparatus is provided which can improve the production efficiency and quality of a glass chopped strand mat, particularly a lightweight one . An apparatus for manufacturing a glass chopped strand mat (M) by shaping glass chopped strands S into a sheet, includes first conveying means (50) for continuously conveying the glass chopped strands (S) in a distributed form while spraying resin powder (A) serving as a binder, and second conveying means (60) for continuously conveying the glass chopped strands (S) to which the resin powder A adheres while performing a heating treatment on the glass chopped strands (S) at a temperature higher than the melting point of the resin powder (A). The second conveying means (60) includes a plurality of rollers arranged from upstream to downstream, where a conveying direction of the glass chopped strands (S) is defined as a flow direction, and a cooling structure is provided for at least one of the plurality of rollers.

IPC 8 full level

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CPC (source: EP)

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