

Title (en)

METHOD AND APPARATUS FOR SPREADING A FIBRE BUNDLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SPREIZEN EINES FASERSTRANGS

Title (fr)

MÉTHODE ET APPAREIL POUR LA DIFFUSION D'UN FAISCEAU DE FIBRES

Publication

**EP 3132074 A1 20170222 (DE)**

Application

**EP 15713143 A 20150318**

Priority

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- EP 2015055689 W 20150318

Abstract (en)

[origin: WO2015158483A1] The invention relates to a method and a device for spreading a fiber strand (2) consisting of continuous multifilament fibers to a strip-type fiber strand (2') of larger final width and smaller final thickness. The fiber strand is spread in the spreader station (5) by means of at least one sonotrode (52) which contacts the fiber strand (2) and passes vibrations in the ultrasonic frequency range into the fiber strand (2). The fiber strand thereby evenly widens transversely to the fiber longitudinal direction.

IPC 8 full level

**D02J 1/18** (2006.01); **B29C 65/08** (2006.01)

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