

Title (en)

METHOD AND DEVICE FOR DISINTEGRATING IRREGULARITIES IN STREAMS OF WOOD FIBRES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUFLÖSUNG VON UNGLEICHMÄSSIGKEITEN IN HOLZFASERSTRÖMEN

Title (fr)

PROCEDE ET DISPOSITIF POUR SUPPRIMER LES IRREGULARITES DANS UN FLUX DE FIBRES DE BOIS

Publication

**EP 1283766 B1 20050803 (DE)**

Application

**EP 01945161 A 20010518**

Priority

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- EP 0105729 W 20010518

Abstract (en)

[origin: WO0189783A1] Wood fibres (2) which are used in the production of fibreboard are supplied from a metering device (1) through a supply chute (7) to a disintegration roller (12) comprising a large number of spikes (13) on its surface. The disintegration roller (12) rotates at high speed, in such a way that the spikes (13) deflect the fibres (6) hitting the disintegration roller (12). The fibres are entrained (6) by the spikes (13) and fed through a chute section (17) formed by a subsection (15) of the roller periphery and a wall (16) lying opposite the latter, to an outlet opening (18) of the chute section. Either a moulding belt (19) of a moulding machine is located beneath the outlet opening (18), or the fibres (6) pass from the outlet opening (18) into the air channel of an air fibre-separator. The disintegration roller (12) disintegrates irregularities in a fibre stream (6), e.g. fibre bundles, or drops of condensed water.

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