

Title (en)

Device and pressure rib for cutting fibres into pieces

Title (de)

Verfahren und Vorrichtung zum Schneiden von Fasern in Stücke

Title (fr)

Procédé et dispositif pour couper des fibres en morceaux

Publication

EP 1394295 B1 20060405 (EN)

Application

EP 03078077 A 19991122

Priority

- EP 99973082 A 19991122
- NL 1010665 A 19981127
- NL 1012286 A 19990610

Abstract (en)

[origin: WO0032856A1] A method for cutting fibres into pieces, wherein a fibre is divided into pieces by pressing a knife against the fibre without exerting a substantial counterpressure on the other side of the fibre where the knife is present. The fibre is led between a knife roller, which is fitted with several, substantially axially oriented knives, and a pressure roller, which rollers are driven in opposite directions at the same peripheral velocity. The fibre is thereby clamped down between the pressure ribs, which are present between the knives on the knife roller, and the pressure roller, wherein a knife cuts through the fibre substantially without counterpressure from the pressure roller.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2727694A1; WO2014067762A1; US10052654B2; EP2727693A1; WO2014067763A1; US10059042B2

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WO 0032856 A1 20000608; AT E259896 T1 20040315; AT E322564 T1 20060415; DE 69914949 D1 20040325; DE 69914949 T2 20041209; DE 69930772 D1 20060518; DE 69930772 T2 20061116; EP 1144738 A1 20011017; EP 1144738 B1 20040218; EP 1394295 A2 20040303; EP 1394295 A3 20040317; EP 1394295 B1 20060405; ES 2214069 T3 20040901; ES 2257641 T3 20060801; NL 1012286 C2 20000530

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