

Title (en)

APPARATUS FOR CONDENSING A DRAFTED FIBRE SLIVER

Title (de)

VORRICHTUNG ZUM KONDENSIEREN EINES VERSTRECKTEN FASERBANDS

Title (fr)

APPAREIL DESTINE A CONDENSER UN RUBAN DE FIBRES ETIRE

Publication

**EP 1497486 B1 20100113 (EN)**

Application

**EP 03733008 A 20030411**

Priority

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- IN 0300155 W 20030411

Abstract (en)

[origin: WO03089701A2] Apparatus for condensing a drafted fibre sliver in a condensation area after the front roller pair on a drafting unit, where the condensation zone contains a suction element with a sliding surface with at least one suction slit essentially running in the direction of movement of the fibre sliver and a transport belt, which transports the fibre sliver over the sliding surface and which is at least air-permeable over parts of its surface, characterized by the following features: the transport belt (12), apart from the suction element (11), partially loops round a guide roller (13) placed at a distance from the suction element and flexibly arranged transversely on its axis of rotation, the guide roller (13) in the looping area and the transport belt (12) bear against a drive roller (14) and these are provided with the means to create a defined contact pressure between the guide roller (13) and the drive roller (14).

IPC 8 full level

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