

Title (en)

Apparatus for crimping textile fibrous materials.

Title (de)

Vorrichtung zum Kräuseln von textilen Fasermaterialien.

Title (fr)

Appareil pour friser des matières fibreuses textiles.

Publication

EP 0109923 A2 19840530 (EN)

Application

EP 83730116 A 19831117

Priority

JP 20400782 A 19821119

Abstract (en)

An apparatus (20) for crimping a textile fibrous material (23), includes a pair of nip rolls (21, 22), a stuffing box (24) disposed adjacent to and downstream of the nip rolls, and a channel (44) disposed in a doctor blade (27, 28) of the stuffing box for the passage therethrough of a pressurized fluid and having an outlet (45) opening to an end surface (32) of the doctor blade through which the pressurized fluid is sent into a clearance (33) between the peripheral surface of each roll and the arcuate surface. the apparatus includes a seal block or plug (47) received loosely in a recess defined in the end surface between the outlet (45) and an outer end of the clearance. The plug (47) is urged mechanically or fluidically against the peripheral surface of the roll (21, 22) to prevent leakage of the pressurized fluid from a stuffing chamber (31) in the stuffing box (24) through the clearance (33) to the outside air.

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