

Title (en)

DEVICE FOR FEEDING A QUASI-ENDLESS MATERIAL WEB

Title (de)

VORRICHTUNG ZUM ZUFÜHREN EINES QUASI ENDLOSEN MATERIALBANDES

Title (fr)

DISPOSITIF D'AMENÉE D'UNE BANDE DE MATÉRIELS QUASI CONTINUE

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Application

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Abstract (en)

[origin: WO2010127755A1] The invention relates to a device for feeding a quasi-endless material web (4) to a manipulation device (19) receiving the material web (4), wherein a feed tension unit (8) is provided, through which the material web (4) is fed in an S-shape. The feed tension unit (8) comprises a pivotal feed dancer roller (12), the angle positions thereof being captured by a feed angle sensor (34) and fed to a control unit (36), by means of which the material web (4) is fed or retracted by a dispenser roller motor (3) in the direction of the manipulation device (19), depending on the deviation of the angle position from a reference angle position. Substantially uniform tension in the material web (4) is thereby ensured, even under extreme operating conditions.

IPC 8 full level

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