

Title (en)

Suction cylinder enabling the transfer of a fibre web between a transport belt and two calendering rolls

Title (de)

Saugzylinder, der die Übergabe von Faservlies zwischen einem Transportband und zwei Kalandervalzen ermöglicht

Title (fr)

Cylindre aspirant permettant le transfert d'un voile fibreux entre un tapis de transport et deux cylindres de calandrage

Publication

EP 0733729 B1 19971229 (FR)

Application

EP 96490017 A 19960311

Priority

FR 9503573 A 19950322

Abstract (en)

[origin: EP0733729A1] The mechanism to transfer a fibre web (1) between a conveyor belt (2) and two calender rollers (3a, 3b) has a suction cylinder (4) with a fixed vacuum zone (A, B) which rotates in the direction of the conveyor belt (2) movement and against the rotation of the lower calender roller (3a). It lies on the web (1) path between the conveyor belt (2) and the two calender rollers (3a, 3b), at or near a tangent to the lower calender roller (3a). It gives an initial calender action, and the web (1) clings to the lower roller (3a) to be carried to the upper roller (3b). In addition, the suction cylinder (4) is at a level near the belt (2) for the web (1) to be held by suction against its surface (5a) as far as the pre-calender zone between the cylinder (4) and the lower roller (3a).

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D01G 15/46; **D01G 25/00**

IPC 8 full level

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CPC (source: EP US)

D01G 15/465 (2013.01 - EP US); **D01G 25/00** (2013.01 - EP US)

Cited by

EP2085504A1; EP0837163A1; EP2417951A1; FR2791364A1; EP2417952A1; AU2011211440B2; EP0899370A3; AU2011211422B2; AU2011211354B2; AU2011211389B2; US6550107B1; WO0056960A1

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