

Title (en)

WARPING MACHINE WITH LEASE FORMATION, VERTICALLY ADJUSTABLE COMB, PROCEDURE AND FUNCTION

Publication

**EP 0403430 B1 19930901 (DE)**

Application

**EP 90810408 A 19900605**

Priority

CH 222089 A 19890614

Abstract (en)

[origin: EP0403430A1] The leasing device of a warping machine comprises a vertically adjustable comb (16), two mutually displaceable guide bars (28, 29) and a horizontally displaceable dividing device (34, 35). At least the comb (16) on the one hand and the two guide bars (28, 29) on the other hand are assigned drive motors (22, 33) which are independent of one another and which can be activated separately. Preferably, a separate drive motor (38) is also provided for the dividing device and a traversing motor (17) for the oscillating movement of the comb (16). The independent drive motors allow the automation and programming of various operating cycles which are necessary for the leasing or for the elimination of yarn breaks. <IMAGE>

IPC 1-7

**D02H 13/16; D02H 13/18**

IPC 8 full level

**D02H 7/00** (2006.01); **D02H 9/00** (2006.01); **D02H 13/02** (2006.01); **D02H 13/12** (2006.01); **D02H 13/16** (2006.01); **D02H 13/18** (2006.01)

CPC (source: EP US)

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Cited by

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**EP 0403430 A1 19901219; EP 0403430 B1 19930901**; CH 681235 A5 19930215; DE 59002529 D1 19931007; ES 2043342 T3 19931216; JP 2744837 B2 19980428; JP H0364545 A 19910319; US 5027485 A 19910702

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