

Title (en)
THREAD DELIVERY DEVICE

Publication
EP 0286860 B1 19901003 (DE)

Application
EP 88104231 A 19880317

Priority
EP 87105387 A 19870411

Abstract (en)
[origin: EP0286860A1] 1. Delivery device for continuous threads, in particular on weaving machines, having a thread storage drum (1), to which the thread (F) runs in tangentially at one end, and from which the thread (F) can be removed at the other end overhead under a braking device (5/7), which braking device has individual resilient fingers (5) which are displaceable by the removed thread (F), characterized in that the fingers (5) are in the form of contact tongues of an electrical measuring device for measuring the length of the removed thread (F).

IPC 1-7
B65H 51/22

IPC 8 full level
B65H 51/22 (2006.01); **D03D 47/36** (2006.01); **D04B 15/48** (2006.01)

CPC (source: EP KR US)
B65H 49/00 (2013.01 - KR); **D03D 47/364** (2013.01 - EP US)

Cited by
US10655253B2; WO2017021860A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

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EP 0286860 A1 19881019; EP 0286860 B1 19901003; AT E45331 T1 19890815; AT E57161 T1 19901015; BR 8801693 A 19881116; CA 1302068 C 19920602; CN 1011876 B 19910306; CN 88102126 A 19881026; CZ 246988 A3 19940316; DE 3760411 D1 19890914; DE 3860723 D1 19901108; EP 0286694 A1 19881019; EP 0286694 B1 19890809; ES 2009817 B3 19891016; ES 2018059 B3 19910316; GR 3000124 T3 19901129; GR 3000932 T3 19911210; IN 171141 B 19920801; JP S63262376 A 19881028; KR 880012468 A 19881126; KR 940000055 B1 19940105; PT 87212 A 19890512; PT 87212 B 19931130; SU 1570652 A3 19900607; US 4828192 A 19890509

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EP 88104231 A 19880317; AT 87105387 T 19870411; AT 88104231 T 19880317; BR 8801693 A 19880408; CA 563604 A 19880408; CN 88102126 A 19880409; CS 246988 A 19880411; DE 3760411 T 19870411; DE 3860723 T 19880317; EP 87105387 A 19870411; ES 87105387 T 19870411; ES 88104231 T 19880317; GR 890400130 T 19890810; GR 900400765 T 19901012; IN 153MA1988 A 19880309; JP 8889388 A 19880411; KR 880003940 A 19880407; PT 8721288 A 19880411; SU 4355500 A 19880407; US 14534688 A 19880119