

Title (en)

Electrohydraulic drive for process line winders, unwinders and other equipment.

Title (de)

Elektrohydraulischer Antrieb für Wickel- und Abwickelvorrichtungen und andere Einrichtungen in Fertigungsstrassen.

Title (fr)

Entraînement électro-hydraulique pour bobinoirs, dérouleurs et autres dispositifs équipant des chaînes de production.

Publication

EP 0188035 A2 19860723 (EN)

Application

EP 85202147 A 19831021

Priority

US 43597582 A 19821022

Abstract (en)

A hydraulic cylinder (106) controls linear traversing movement of a spooler (16) under the control of a high speed servo-valve (136) that in turn is controlled by electronic circuitry. Position, velocity and rotation speed transducers (106, 114 and 116) for the spooler and a position transducer (118) for a strand (18) being wound onto or unwound from the spool provide input signals to the circuitry.

IPC 1-7

B21C 47/04; **B21C 47/16**

IPC 8 full level

B21C 47/02 (2006.01); **B65H 23/195** (2006.01); **B65H 59/38** (2006.01); **F15B 11/028** (2006.01); **G05B 11/32** (2006.01)

CPC (source: EP)

B21C 47/02 (2013.01); **B65H 23/1955** (2013.01); **B65H 59/38** (2013.01)

Cited by

DE10324179A1; US5676499A; US5865574A

Designated contracting state (EPC)

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EP 0188035 A2 19860723; **EP 0188035 A3 19861210**; AU 2049383 A 19840503; BR 8305796 A 19840529; CA 1199704 A 19860121; DK 485883 A 19840423; DK 485883 D0 19831022; EP 0107959 A2 19840509; EP 0107959 A3 19840711; ES 526678 A0 19850101; ES 8502403 A1 19850101; FI 833436 A0 19830926; FI 833436 A 19840423; JP H0371346 B2 19911112; JP S5997971 A 19840606; ZA 837137 B 19840627

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