

Title (en)

Device for electromagnetically braking and coupling a reel

Title (de)

Vorrichtung zum elektromagnetischen Bremsen und Kuppeln einer Spule

Title (fr)

Dispositif pour freiner et accoupler électromagnétiquement une bobine

Publication

EP 0755891 B1 19990915 (DE)

Application

EP 96110642 A 19960702

Priority

DE 19526913 A 19950724

Abstract (en)

[origin: EP0755891A2] The combined brake and clutch has a star-shaped carrier (31) fitted to the hollow shaft (5) supporting the supply reel (7), provided with a number of holders (37) around its periphery, projecting radially outwards, for supporting at least one electromagnetic coil (45). Pref., four electromagnetic coils are evenly spaced around the periphery of the carrier, with the side of the supply coil facing the coils provided with a braking surface.

IPC 1-7

B65H 59/04; **B65H 75/30**; **D07B 7/06**

IPC 8 full level

B65H 49/26 (2006.01); **B65H 59/04** (2006.01); **B65H 75/30** (2006.01); **D01H 9/02** (2006.01); **D07B 7/06** (2006.01)

CPC (source: EP US)

B65H 59/04 (2013.01 - EP US); **B65H 75/30** (2013.01 - EP US); **D07B 7/06** (2013.01 - EP US)

Cited by

CN110950174A; CN104671009A; CN108657884A; RU2670877C2; RU2670877C9; US10315882B2; WO2015104315A1

Designated contracting state (EPC)

CH DE DK FI FR GB IT LI SE

DOCDB simple family (publication)

EP 0755891 A2 19970129; **EP 0755891 A3 19971217**; **EP 0755891 B1 19990915**; CA 2181779 A1 19970125; DE 19526913 A1 19970130; DE 59603051 D1 19991021; JP H09110296 A 19970428; RU 2115614 C1 19980720; US 5709347 A 19980120

DOCDB simple family (application)

EP 96110642 A 19960702; CA 2181779 A 19960722; DE 19526913 A 19950724; DE 59603051 T 19960702; JP 19350396 A 19960723; RU 96115469 A 19960723; US 68708196 A 19960723