

Title (en)

TAKE-UP DEVICE FOR DOUBLING ROLL-TYPE REEL CUTTERS.

Title (de)

AUFWICKELVORRICHTUNG FÜR ROLLENSCHNEIDEMASCHINEN DES STÜTZWALZENTYPS OD. DGL.

Title (fr)

DISPOSITIF DE BOBINAGE POUR MACHINES A DECOUPER A ROULETTES DU TYPE A CYLINDRE D'APPUI OU SIMILAIRE.

Publication

**EP 0534959 B1 19940216 (DE)**

Application

**EP 90912625 A 19900828**

Priority

DE 4018314 A 19900608

Abstract (en)

[origin: WO9118813A1] A take-up device, in particular for doubling roll-type reel cutters, consists of two supporting arms or supporting frames (10) for supporting an empty roll (25), one clamping head (15) per supporting arm or supporting frame for holding each roll (25) centrally and rotatably, and at least one winding drive unit per take-up device (101; 102). The drive axis (45) of a drive motor (17) of the winding device unit is offset to the winding axis (46) of the roll (25). To improve the central drive for the winding shaft, the drive motor (17) is fastened to the supporting arm or supporting frame (10) with its drive axis (45) parallel to the take-up axis (46) of the roll (25) and has an output wheel (22); a belt (drive belt (23)), such as a flat, toothed, V-belt, cable or the like or a chain or the like as well as a drive wheel (13) connected in the drive direction to the clamping head (15) preferably on a single shaft (drive shaft (14)) are provided, and the belt or the chain (drive belt (23)) passes around the output wheel (22) (and the drive wheel (13)), so that the drive wheel (13) can be driven by the output wheel (22) in the direction of rotation; and the (drive-effective) diameter of the output wheel (22) is greater than at least a part of the active drive part (18) of the drive motor (17) and includes this drive part on at least part of its axial length.

IPC 1-7

**B65H 18/26**

IPC 8 full level

**B65H 18/10** (2006.01); **B65H 18/26** (2006.01)

CPC (source: EP US)

**B65H 18/26** (2013.01 - EP US); **B65H 2301/41346** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US)

Citation (examination)

EP 0365912 A2 19900502 - WINDMOELLER & HOELSCHER [DE]

Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

**WO 9118813 A1 19911212**; AU 6270790 A 19911231; BR 9008028 A 19930427; CA 2084785 A1 19911209; CA 2084785 C 19990629; DE 59004647 D1 19940324; EP 0534959 A1 19930407; EP 0534959 B1 19940216; FI 101527 B1 19980715; FI 101527 B 19980715; FI 925548 A0 19921207; FI 925548 A 19921207; JP H06500298 A 19940113; JP H07110728 B2 19951129; PL 166992 B1 19950731; PL 290571 A1 19911216; RU 2060219 C1 19960520; US 5377931 A 19950103

DOCDB simple family (application)

**EP 9001430 W 19900828**; AU 6270790 A 19900828; BR 9008028 A 19900828; CA 2084785 A 19900828; DE 59004647 T 19900828; EP 90912625 A 19900828; FI 925548 A 19921207; JP 51175090 A 19900828; PL 29057191 A 19910606; RU 92016585 A 19900828; US 94964792 A 19921204