Title (en)
Apparatus for winding flat flexible material

Title (de)
Vorrichtung zum Aufwickeln von biegsamem flächigem Material

Title (fr)
Appareil d'enroulage de matériau flexible et plat

Publication
EP 0557725 B1 19960925 (DE)

Application
EP 93101042 A 19930123

Priority
CH 63392 A 19920228

Abstract (en)
[origin: EP0557725A1] A web of material, for example the packaging of a paper roll, can be wound by introducing its leading edge into an axial slit of a winding core (5) which is mounted in a stationary anchor (8) so as to be rotatable about a winding shaft (10) and by subsequent rotation thereof to form a reel of material. In order to facilitate the removal of the reel of material, the winding core (5) has a plurality of conveyor rollers (19) which are partly mounted in U-profiles (13a) and form groups lying in a line. Conveyor belts (22a,b) run via two of these groups. The conveyor rollers (19) and conveyor belts (22a,b) form the predominant part of the support surface of the reel of material on the winding core (5). The conveyor rollers, lying nearest to the anchor (8), of the last-mentioned groups can be driven via a conveyor shaft (23), a conical gearing (24) and gearwheels (26, 27, 29) and can set the conveyor belts (22a,b) in motion in such a manner that the reel of material connected to them in a frictionally locking manner is conveyed away towards the winding shaft (10), whereas the non-driven conveyor rollers on which said reel also lies co-rotate. <IMAGE>

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B65H 18/04

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