

Title (en)
DEVICE FOR CONTINUOUSLY WINDING OR UNWINDING FLAT PRODUCTS ON OR FROM A ROLL

Publication
EP 0281790 B1 19901219 (DE)

Application
EP 88102139 A 19880213

Priority
CH 86087 A 19870306

Abstract (en)
[origin: EP0281790A1] A driven and vertically adjustable winding core (19) and a supply reel (33) for dispensing or receiving a winding band (34) to be wound on or off with the flat products (Z) are provided as well as a conveyor (16) for supplying or removing the flat products (Z) to be wound on or off. Provided between the conveyor (16) and the winding core (19) is a conveyor belt arrangement (14) which feeds or guides away the flat products (Z) and the winding band (34). In order to reduce the space requirement of the device and to simplify its drive systems while still ensuring satisfactory winding-on or winding-off, the conveyor belt arrangement (14) is designed to rotate freely and partially loops around the winding core (19) or the roll (W) thereon with spring action, the driving elements (20, 21) for the winding core (19) protruding from a vertically guided, displaceable carriage which can be raised and lowered by means of a lifting drive (24, 25) controllable by the moment application of the conveyor belt arrangement (14). <IMAGE>

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IPC 8 full level
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Cited by
US6077030A; CN108177999A; EP0447903A1; BE1003625A4; EP0522890A3; EP0359727A3; EP0754639A1; US5632455A; EP0477498A1; WO9104214A1; EP0298267B1

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