

Title (en)
SUPPORT-ROLLER-TYPE WINDING MACHINE

Title (de)
TRAGWALZEN-WICKELMASCHINE

Title (fr)
ENROULEUSE A ROULEAUX PORTEURS

Publication
EP 0602199 B1 19961127 (DE)

Application
EP 93911771 A 19930421

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Abstract (en)
[origin: US5478026A] PCT No. PCT/EP93/00965 Sec. 371 Date Jan. 21, 1994 Sec. 102(e) Date Jan. 21, 1994 PCT Filed Apr. 21, 1993 PCT Pub. No. WO93/25461 PCT Pub. Date Dec. 23, 1993. For winding webs of material on cores winding machines have two support rollers on which the winding rolls are supported during winding. The web is guided from underneath through the gap between the support cylinders. When the winding rolls are exchanged, for the cutting of the web a cutting knife with a tear-off blade is raised through the gap between the support cylinders up to the cylinder bed. In order to reduce the bearing load of the winding rolls on the support cylinders in the lower wedge between the two support cylinders an air box extending over the work width and having a compressed air supply line is provided, which seals the gap between the support cylinders and has an air exit slot open towards this gap. The tear-off blade of the cutting knife is attached to a support arranged in the air box and can be moved up and down through the air exit slot into the cutting position in the cylinder bed and completely lowered into the air box.

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