

Title (en)  
LONGITUDINAL CUTTING DEVICE FOR A WINDING MACHINE

Title (de)  
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Title (fr)  
DISPOSITIF DE COUPE LONGITUDINALE POUR ENROULEUSE

Publication  
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Application  
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Abstract (en)  
[origin: DE19809954A1] Known winding machines for winding up continuous strips of material, especially plastic strips, use longitudinal cutting devices comprising a series of upper blades (1) embodied as disk-shaped circular blades, and a series of lower blades (2) embodied as circular blades. According to the invention one lower blade (2) each is arranged on both sides of an upper blade (1), the lower blades (2) are mounted in a freely rotating manner on a carrying axle (3) and the planes of rotation (4) of the two lower blades (2) assigned to an upper blade (1) are symmetrically inclined in relation to each other and form an acute angle with said plane of rotation (5) of the upper blade (1) in such a way that the cutting edges of the two lower blades (2) move towards and away from each other during one revolution. The longitudinal cutting device provided for in the invention makes it possible to cut narrow ribbons from the strip and to convey them such that the rolls can be wound on a shared winding axle with the required distance between them.

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