

Title (en)
Method and apparatus for winding a web.

Title (de)
Verfahren und Vorrichtung zum Wickeln einer Bahn.

Title (fr)
Méthode et appareil pour enrouler une bande.

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EP 0514226 A1 19921119 (EN)

Application
EP 92400854 A 19920327

Priority
FR 9106022 A 19910517

Abstract (en)
The apparatus is provided for automatic high-speed winding of a continuous web (2) of thin film-like material onto a core (6) to form a wound roll (5), in which the film is applied by a train of idling lay-on rolls consisting of first and second rolls (25,26) arranged parallel to the said core. In the production position first and second rolls (25, 26) are applied against the roll (5) being wound by separate urging means situated at each end of each roll and each acting on a respective pivoting arm (28, 30) one end of which carries a bearing on which the rolls are journaled and the other end of which pivots on a carriage (19a, 20a) that can be advanced and retracted along a guide path (19, 20), enabling thus perfectly uniform wound rolls to be obtained. <IMAGE>

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Citation (search report)
• [A] US 3345009 A 19671003 - LEONARD ROCKSTROM
• [A] FR 1489524 A 19670721 - HOBBS MFG COMPANY
• [A] FR 2033927 A5 19701204 - DU PONT
• [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 32 (M-275)(1469) 10 February 1984 & JP-A-58 188 252 (KAKAOKA KIKAI SEISAKUSHO K.K.) 2 November 1983

Cited by
US7261252B2; EP1061024A1; US6854682B1; CN107355051A; CN116513841A; CN108516392A; EP1306333A1; CN1328137C; EP1481931A1; EP1216941A1; CN100337890C; KR100909158B1; GB2476934A; EP0785157A3; CN114506704A; US9809417B2; US7392961B2; WO0076894A1; WO0249947A3; WO0249946A3; US8800908B2; US9365378B2; US8157200B2; US7546970B2; US7559503B2; WO2017152006A1; US10427902B2; US7455260B2; US7156339B2; US10442649B2; US8162251B2; US8459586B2; WO2017151998A1; US10427903B2

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