

Title (en)
Improved winding apparatus for winding gap-less cores for magnetic devices

Title (de)
Verbesserte Wickelvorrichtung von spaltlosen Kernen für magnetische Vorrichtungen

Title (fr)
Dispositif amélioré de bobinage de noyaux sans entrefer pour dispositifs magnétiques

Publication
EP 0762447 A3 19970806 (EN)

Application
EP 96202377 A 19960827

Priority
US 51948595 A 19950825

Abstract (en)
[origin: EP0762447A2] An improved winding apparatus for winding a length of an element onto a form includes: a first retention cylinder which in a first position retains a first end of the length of element against a first backstop cylinder; a second retention cylinder which in a first position retains a second end of the length of element against a second backstop cylinder; means for driving the retention and backstop cylinders to rotate the length of element in a first direction through the form; means for alternately, successively moving one of the first and second retention cylinders to its second, retracted position to release the innermost loop of element to cause it to be wound onto the form as the length of element rotates; and means for returning the moved retention cylinder to its first position after the innermost loop of element is released to retain the remaining loops of element. <IMAGE>

IPC 1-7
H01F 41/06

IPC 8 full level
H01F 41/02 (2006.01)

CPC (source: EP)
H01F 41/022 (2013.01)

Citation (search report)

- [A] EP 0011733 A1 19800611 - ALLIED CORP [US]
- [DA] US 4752042 A 19880621 - RECHSTEINER EMIL B [US]
- [DA] US 4655407 A 19870407 - RECHSTEINER EMIL B [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 181 (E - 037) 13 December 1980 (1980-12-13)

Cited by
AU771885B2; WO0075937A1

Designated contracting state (EPC)
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