

Title (en)
Chuck device for winding core

Title (de)
Spannvorrichtung für Wickelkern

Title (fr)
Dispositif de serrage pour noyau de bobinage

Publication
EP 1035063 A1 20000913 (EN)

Application
EP 99103923 A 19990305

Priority
EP 99103923 A 19990305

Abstract (en)
A chuck device (1) for a winding core (C) comprising a collar proper (3) around which to externally insert the core at its hollow side; an annular ring (5) rotatably fitted on an outer periphery of the collar proper; and rotation transmitting means (9), formed on the annular ring, for forcibly supporting the inner surface of the core to transmit the rotation drive of a rotary shaft (2) from the collar proper to the core, characterized in that a plurality of wheel-like rotors (12,12a) and forcing abutment means (11,13,14) for energizing and forcibly abutting each of the rotors toward the inner face of the core are provided in the outer periphery of the ring and the rotors are rendered rotatable only in the axial direction of the ring. Thus, engagement force of the ring to the core upon initial actuation is ensured, and the insertion and removal operation of the core is facilitated. <IMAGE>

IPC 1-7
B65H 75/24

IPC 8 full level
B65H 75/08 (2006.01)

CPC (source: EP US)
B65H 75/247 (2013.01 - EP US)

Citation (search report)

- [A] DE 9113939 U1 19920102
- [A] FR 2198484 A5 19740329 - DIOCE GLASER INC [US]
- [AD] PATENT ABSTRACTS OF JAPAN vol. 17, no. 288 (M - 1423) 3 June 1993 (1993-06-03)
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 315 (M - 735)<3162> 26 August 1988 (1988-08-26)

Cited by
CN109019108A; CN107867580A

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