Title (en)

Machine for coil rewinding having approached spiral coils

Title (de)

Maschine zum Wiederaufwickeln von Drahtbunden mit dicht aneinanderliegenden Windungen

Title (fr)

Machine pour le rembobinage de couronnes de fil métallique à spires jointives

Publication

EP 1050502 A3 20010530 (EN)

Application

EP 00108428 A 20000418

Priority

IT VI990085 A 19990504

Abstract (en)

[origin: EP1050502A2] The machine for coil rewinding has approached spiral coils. The machine is located downstream of an unwinding group on which is placed the skein to be unwound and an intermediate group or "ballerino" which has the function of keeping the wire under tension. The machine is commanded by an electronic circuit with PLC and has two counterposed flanges, one movable and the other fixed. A basket is inserted and is placed in rotation between the flanges. The wire is wound on the basket to form the spool. The flanges are capable of regulating their reciprocal distance to modify the width of the cavity which contains and supports the wound skein. The machine has the novelty that during the winding of the wire, the basket, compressed between the two flanges is mounted as a projecting part, that is at the end of the motor shaft. <IMAGE>

IPC 1-7

B65H 54/58; B65H 75/22; B65H 67/04; B21C 47/28; B21C 47/24

IPC 8 full level

B65H 54/58 (2006.01)

CPC (source: EP)

B65H 54/58 (2013.01)

Citation (search report)

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- [DA] IT VI950049 A1 19960928 - GIMAX S R L [IT]
- [A] EP 0147711 A2 19850710 - ARBE S R L [IT]
- [A] IT 1225662 B 19901122 - M P SOCIETA PER AZIONI MECCANI [IT]
- [A] DE 3925651 A1 19900523 - BUELTMANN MONIKA [DE]

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1050502 A2 20001108; EP 1050502 A3 20010530; EP 1050502 B1 20031022; DE 60006027 D1 20031127; DE 60006027 T2 20040708; IT 1307428 B1 20011106; IT VI990085 A0 19990504; IT VI990085 A1 20001104

DOCDB simple family (application)

EP 00108428 A 20000418; DE 60006027 T 20000418; IT VI990085 A 19990504