

Title (en)

APPARATUS FOR PNEUMATICALLY GRASPING AND VERTICALLY UPWARDLY DRAWING OFF THE END OF A YARN ON A COP

Publication

EP 0374403 B1 19921007 (DE)

Application

EP 89119092 A 19891013

Priority

DE 3843553 A 19881223

Abstract (en)

[origin: EP0374406A1] The auxiliary unwinding apparatus of the device (3) has a divided sleeve (50) surrounding the cop (35) to be unwound, the sleeve parts (50a, 50b) of which sleeve can be moved away when the cop is changed and which are preferably provided with blower jets (51, 52, 53) directed tangentially and simultaneously obliquely upwards. The cop changing apparatus (32; 32') of the device (3) advantageously has a support surface (70) continuously moving in a straight line below the sleeve (50) for individual cop carriers (38 to 40) which can be arranged in rows. Arranged at the top end of the sleeve (50) above the tip of the tube of the cop (35) is a pull-off accelerator constructed as a thread catcher.
<IMAGE>

IPC 1-7

B65H 67/06; B65H 67/08

IPC 8 full level

B65H 57/22 (2006.01); **B65H 67/06** (2006.01); **B65H 67/08** (2006.01)

CPC (source: EP US)

B65H 57/22 (2013.01 - EP US); **B65H 67/06** (2013.01 - EP US); **B65H 67/083** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

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CH DE ES FR IT LI

DOCDB simple family (publication)

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EP 89119096 A 19891013; DE 3843553 A 19881223; DE 58902420 T 19891013; DE 58903117 T 19891013; DE 58904728 T 19891013; DE 58904729 T 19891013; EP 89119092 A 19891013; EP 89119093 A 19891013; EP 89119095 A 19891013; ES 89119092 T 19891013; ES 89119095 T 19891013; ES 89119096 T 19891013; JP 32158489 A 19891213; JP 32158589 A 19891213; JP 32751189 A 19891219; JP 32854689 A 19891220; US 45635589 A 19891226; US 45638289 A 19891226; US 45638489 A 19891226; US 45710189 A 19891226