

Title (en)
AUTOMATIC SYSTEM TO REPLACE YARN FEED PACKAGES ON TEXTILE MACHINES

Publication
EP 0310822 A3 19890510 (EN)

Application
EP 88114841 A 19880910

Priority
IT 8347187 A 19871007

Abstract (en)
[origin: EP0310822A2] Automatic system to replace yarn feed packages on textile machines (10) which consist of a plurality of production units (11) arranged in succession along the machines (10) and comprise a working side (13), the production units (11) being fed by yarn feed package (14) of any yarn (32) and of any geometric conformation and winding the yarn (32) onto yarn packages (17) containing the yarn (32) in a quantity coordinated or not coordinated with the quantity held on the yarn feed packages (14), the system comprising a movable carriage (22) able to run to and fro along the working side (13) of the machine (10) and suitable to replace the feed packages (14) automatically and to replace automatically the full yarn packages (17) already wound on each production unit (11), the movable carriage (22) comprising a yarn package store (28) cooperating with a conveyor device (26) for the replacement feed packages (25), the conveyor device (26) having a length coordinated with the lengthwise extent of the textile machine (10).

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IPC 8 full level
B65H 54/26 (2006.01); **B65H 67/06** (2006.01)

CPC (source: EP)
B65H 54/26 (2013.01); **B65H 67/064** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- DE 3630904 A1 19870430 - BARMAG BARMER MASCHF [DE]
- US 3811631 A 19740521 - MAYER M, et al
- DE 3532002 A1 19870619 - MAIER EUGEN METALLVERARBEITUNG [DE]
- DE 3531184 A1 19870312 - MAIER EUGEN METALLVERARBEITUNG [DE]
- DE 3432184 A1 19850328 - MURATA MACHINERY LTD [JP]
- EP 0276651 A1 19880803 - MECCANICA DI PRECISIONE SPA [IT]

Cited by
US5237807A; EP0421714A3

Designated contracting state (EPC)
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EP 0310822 A2 19890412; EP 0310822 A3 19890510; IT 1220210 B 19900606; IT 8783471 A0 19871007

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