

Title (en)
Bobbin changing- and transport arrangement

Title (de)
Spulenwechsel- und Transporteinrichtung

Title (fr)
Dispositif de changement et de transport de bobines

Publication
EP 0841278 B1 20011205 (DE)

Application
EP 97113827 A 19970811

Priority
DE 19646337 A 19961109

Abstract (en)
[origin: EP0841278A2] The device comprises a transporter system in each machine, and a transfer unit (1) between them. The unit has two transporter plates (9), rotating in the same direction, and guided bobbin and sleeve handling devices (42) to lift and lower spinning cops and empty sleeves (60). The transporter plates have driver elements on their outer circumference. During rotation of a plate, the elements pass through transporter tracks associated with one or other of the transporter systems. The handling devices are controlled via stationary control links (35). Each of these has an upper cam (36) to move the main body (41) of the handling device, and a lower cam (37) to operate a bobbin foot positioner (49) and a sleeve grab (56).

IPC 1-7
B65H 67/06

IPC 8 full level
B65H 67/02 (2006.01); **B65H 67/06** (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP US)
B65H 67/06 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0841278 A2 19980513; **EP 0841278 A3 19980909**; **EP 0841278 B1 20011205**; DE 19646337 A1 19980514; DE 59705657 D1 20020117; JP 3689230 B2 20050831; JP H10139284 A 19980526; TR 199701312 A2 19980521; TR 199701312 A3 19980521; US 5924273 A 19990720

DOCDB simple family (application)
EP 97113827 A 19970811; DE 19646337 A 19961109; DE 59705657 T 19970811; JP 30388897 A 19971106; TR 9701312 A 19971106; US 96563697 A 19971106