

Title (en)
Spinning machine.

Title (de)
Spinnmaschine.

Title (fr)
Métier à filer.

Publication
EP 0452978 B1 19950517 (DE)

Application
EP 91107786 A 19890921

Priority
• CH 354788 A 19880924
• EP 89910608 A 19890921

Abstract (en)
[origin: EP0450662A1] Machine incorporates a continuous conveyor (17) in the form of a vertical conveyor belt, a steel belt in partic. Tube pivots (13) are mounted on the conveyor belt for full and/or empty tubes, which must assume an exact position on the continuous conveyor to be aligned with a spinning station for a smooth package tube transfer. Each tube pivot is fastened on the conveyor and can be adjusted in the conveying direction via a driver (19). The tube pivots can be located on pivot carriages (18) shifted via the driver or they can be mounted directly on the driver.

IPC 1-7
D01H 9/18; **B65H 67/06**

IPC 8 full level
B65G 67/06 (2006.01); **B65H 67/06** (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP US)
D01H 9/187 (2013.01 - EP US)

Cited by
DE3924713A1; DE3924713C2

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

DOCDB simple family (publication)
EP 0450662 A1 19911009; **EP 0450662 B1 19941102**; CH 678720 A5 19911031; DE 58907005 D1 19940324; DE 58908610 D1 19941208; DE 58909240 D1 19950622; EP 0404875 A1 19910102; EP 0404875 B1 19940216; EP 0452978 A1 19911023; EP 0452978 B1 19950517; JP 2944118 B2 19990830; JP H03501506 A 19910404; US 5185993 A 19930216; WO 9003461 A1 19900405

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EP 91107787 A 19890921; CH 354788 A 19880924; DE 58907005 T 19890921; DE 58908610 T 19890921; DE 58909240 T 19890921; EP 8901098 W 19890921; EP 89910608 A 19890921; EP 91107786 A 19890921; JP 50996589 A 19890921; US 49937990 A 19900705