

Title (en)
WINDING MACHINE

Publication
EP 0362310 B1 19921021 (DE)

Application
EP 89902236 A 19890217

Priority
DE 3805347 A 19880220

Abstract (en)
[origin: WO8907573A1] In a winding machine for winding a thread onto a bobbin, two bobbin spindles (5) are mounted on a bobbin turret (18). The bobbin spindles can be moved alternately into the operating position, with consequent loss-free change of thread from one bobbin to the other. A reversing device (41) is provided for this purpose. A sheet metal plate (39) which maintains the thread in a raised plane is applied to the reversing device, so that the thread continues to be wound onto the full bobbin even if the bobbin is changed. A second, stationary or axially mobile sheet metal plate (40) slides the thread in the region of the idler spool (10.2) into the catch plane by means of a thread catching slit.

IPC 1-7
B65H 67/048

IPC 8 full level
B65H 65/00 (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP US)
B65H 57/003 (2013.01 - EP US); **B65H 65/00** (2013.01 - EP US); **B65H 67/048** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 8907573 A1 19890824; DE 3805347 A1 19890831; DE 58902509 D1 19921126; EP 0362310 A1 19900411; EP 0362310 B1 19921021; JP H02503903 A 19901115; US 5016829 A 19910521

DOCDB simple family (application)
DE 8900094 W 19890217; DE 3805347 A 19880220; DE 58902509 T 19890217; EP 89902236 A 19890217; JP 50208889 A 19890217; US 42712289 A 19891018