

Title (en)

WINDING MACHINE WITH GUIDING DEVICE

Title (de)

AUFSPULMASCHINE MIT ANLEGEVORRICHTUNG

Title (fr)

BOBINEUSE A DISPOSITIF DE GUIDAGE

Publication

EP 0886623 A1 19981230 (DE)

Application

EP 97951964 A 19971125

Priority

- DE 19653544 A 19961220
- EP 9706562 W 19971125

Abstract (en)

[origin: WO9828217A1] A winding machine is disclosed for winding several threads (3) on a corresponding number of empty bobbins (4). A thread guide (1) is associated to each empty bobbin (4) to press the thread (3) into a feeding position. The threads (3) are distributed from a winding position to the feeding position by a guiding device (20) which consists of a winding thread guide (13) moved on a guide (2) and of the fixed feeding thread-guides (1). The threads (3) are guided by the winding thread-guide (13) and successively distributed on the feeding thread guides (1) between the winding position and the feeding position.

IPC 1-7

B65H 65/00

IPC 8 full level

B65H 57/26 (2006.01); **B65H 65/00** (2006.01); **B65H 67/04** (2006.01)

CPC (source: EP KR US)

B65H 57/003 (2013.01 - EP US); **B65H 57/26** (2013.01 - EP US); **B65H 65/00** (2013.01 - EP KR US); **B65H 67/0411** (2013.01 - EP US);
B65H 2301/41856 (2013.01 - EP US); **B65H 2555/11** (2013.01 - EP US); **B65H 2555/13** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

See references of WO 9828217A1

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

WO 9828217 A1 19980702; CN 1096405 C 20021218; CN 1211960 A 19990324; DE 59701360 D1 20000504; EP 0886623 A1 19981230;
EP 0886623 B1 20000329; KR 100518649 B1 20060127; KR 19990082426 A 19991125; TW 374751 B 19991121; US 6027063 A 20000222

DOCDB simple family (application)

EP 9706562 W 19971125; CN 97192431 A 19971125; DE 59701360 T 19971125; EP 97951964 A 19971125; KR 19980706159 A 19980810;
TW 86119380 A 19971219; US 12557798 A 19980820