

Title (en)
Method for automatic doffing of bobbins

Title (de)
Verfahren zum automatischen Abheben von Spulen

Title (fr)
Procédé de levée automatique de bobine

Publication
EP 1380528 B1 20041117 (FR)

Application
EP 03360080 A 20030701

Priority
FR 0208563 A 20020708

Abstract (en)
[origin: EP1380528A1] The automatic bobbin winder has a holder (1) to hold and detach a full bobbin (2). At a bobbin change, a bar (7) disengages the reciprocating yarn guide (3). A friction roller (4) drives the bobbin as the bobbin sleeve (6) is locked by cups (5). A bobbin sleeve supply (8) is at the winding station. For a bobbin change, the yarn tension is relaxed until a new bobbin winding cycle starts. The yarn tension is eased as the bobbin speed decelerates at the end of the winding cycle or when the bobbin rotation has stopped.

IPC 1-7
B65H 67/04

IPC 8 full level
B65H 67/04 (2006.01)

CPC (source: EP)
B65H 67/0405 (2013.01); **B65H 2701/31** (2013.01)

Designated contracting state (EPC)
BE DE FR GB IT TR

DOCDB simple family (publication)
EP 1380528 A1 20040114; **EP 1380528 B1 20041117**; DE 60300160 D1 20041223; DE 60300160 T2 20051208; FR 2841884 A1 20040109; FR 2841884 B1 20040903

DOCDB simple family (application)
EP 03360080 A 20030701; DE 60300160 T 20030701; FR 0208563 A 20020708