

Title (en)
Yarn winding device and textile machine

Title (de)
Garnwickelvorrichtung und Textilmaschine

Title (fr)
Dispositif de bobinage de fil et machine textile

Publication
EP 2014596 A2 20090114 (EN)

Application
EP 08011534 A 20080625

Priority
JP 2007184564 A 20070713

Abstract (en)
A winding unit 1 includes a yarn supplying portion 10 having a bobbin holding and discharging mechanism 31 holding a bobbin 3 from which a yarn Y is unwound and discharging the unwanted bobbin 3 and a first driving motor driving the bobbin holding and discharging mechanism 31, a bobbin supplying portion 11 having a supply mechanism 51 including a magazine 53 that accommodates a plurality of the bobbins 3 and supplying one of the plurality of bobbins 3 accommodated in the magazine 53 to the yarn supplying portion 10 and a second driving motor 52 driving the supply mechanism 51, a winding portion winding the yarn Y unwound from the bobbin 3 held by the bobbin holding and discharging mechanism 31, around a winding tube, and a unit control device 80 independently controlling the first driving motor 32 and the second driving motor 52.

IPC 8 full level
B65H 67/02 (2006.01)

CPC (source: EP)
B65H 67/02 (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)
• JP H09183571 A 19970715 - SCHLAFHORST & CO W
• US 4844358 A 19890704 - KAMP HEINZ [DE]

Cited by
DE102012009662A1; EP2607280A3; EP2502863A3; ITPD20130148A1; EP2388225A3; EP2502865A4; CN109019171A; CN109019172A; CN102275773A; EP2388223A3

Designated contracting state (EPC)
DE IT

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2014596 A2 20090114; **EP 2014596 A3 20120425**; **EP 2014596 B1 20161012**; CN 101343003 A 20090114; CN 101343003 B 20130918; JP 2009018930 A 20090129; JP 4492650 B2 20100630

DOCDB simple family (application)
EP 08011534 A 20080625; CN 200810130286 A 20080623; JP 2007184564 A 20070713