

Title (en)
Winding device

Title (de)
Spulmaschine

Title (fr)
Dispositif de bobinage

Publication
EP 2311765 B1 20131204 (DE)

Application
EP 10013011 A 20101001

Priority
DE 102009049389 A 20091014

Abstract (en)
[origin: EP2311765A2] The winding machine i.e. cross-winding machine (1), has a work location (2) including a thread tension regulator (17), slub catcher with a measuring head (20) and a waxing device (19). A blower device (40) is arranged on the work location for automatically cleaning the thread tension regulator, measuring head of the slub catcher and/or the waxing device during failure of thread. A blower device (40) is manually triggered on the work location. Control elements i.e. push-buttons (21, 32, 33) is provided on the work location and is formed to trigger an operation of the blower device.

IPC 8 full level
B65H 54/70 (2006.01)

CPC (source: EP)
B65H 54/702 (2013.01); **B65H 2701/31** (2013.01)

Cited by
CH706263A1; EP2465800A1; ITMI20102330A1; WO2013138944A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2311765 A2 20110420; EP 2311765 A3 20111228; EP 2311765 B1 20131204; CN 102040120 A 20110504; CN 102040120 B 20140910; DE 102009049389 A1 20110421

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EP 10013011 A 20101001; CN 201010537158 A 20101011; DE 102009049389 A 20091014