

Title (en)
TAKE-UP WINDING DEVICE

Title (de)
AUFSPULVORRICHTUNG

Title (fr)
DISPOSITIF DE BOBINAGE

Publication
EP 1730064 B1 20080528 (DE)

Application
EP 05733658 A 20050324

Priority
• EP 2005003135 W 20050324
• DE 102004016256 A 20040402

Abstract (en)
[origin: WO2005095247A1] The invention relates to a take-up winding device comprising two spindle supports (10.1, 10.2) that are arranged horizontally next to one another. At least one projecting winding spindle (7.1, 7.2) is rotatably mounted on each of the spindle supports, to receive respective winding cores (8), which are used to simultaneously wind thread (1.1, 1.2) to form bobbins (9). The winding spindles are driven in opposite directions by associated spindle drives (23, 37), a common thread supply (2.1, 2.2) being configured between the winding spindles. The aim of the invention is to obtain bobbins with an identical lap using an identical thread supply, despite the opposing rotational directions of the winding spindles. To achieve this, said winding spindles comprise a respective contact surface (17.1, 17.2) for the end of the winding cores, said surfaces being situated on two neighbouring stop planes, which are interspaced at an interval (A). This permits the bobbins to have a mirror-symmetrical lap on both winding spindles, despite the asymmetrical positioning of the bobbins on the winding cores.

IPC 8 full level
B65H 67/048 (2006.01)

CPC (source: EP KR)
B65H 67/04 (2013.01 - KR); **B65H 67/048** (2013.01 - EP KR); **B65H 2701/31** (2013.01 - EP)

Designated contracting state (EPC)
CH DE IT LI

DOCDB simple family (publication)
WO 2005095247 A1 20051013; CN 1938210 A 20070328; CN 1938210 B 20100414; DE 502005004274 D1 20080710;
EP 1730064 A1 20061213; EP 1730064 B1 20080528; JP 2007530390 A 20071101; JP 4612673 B2 20110112; KR 20060135933 A 20061229

DOCDB simple family (application)
EP 2005003135 W 20050324; CN 200580010564 A 20050324; DE 502005004274 T 20050324; EP 05733658 A 20050324;
JP 2007505457 A 20050324; KR 20067022929 A 20061101