

Title (en)
Method for manufacturing a dye bobbin in the form of a cross-wound spool

Title (de)
Verfahren zur Herstellung einer als Kreuzspule ausgebildeten Färbespule

Title (fr)
Procédé de fabrication d'une bobine de teinture conçue sous forme de bobine croisée

Publication
EP 2738125 A3 20150128 (DE)

Application
EP 13005338 A 20131113

Previously filed application
102012023559 20121201 DE

Priority
DE 102012023559 A 20121201

Abstract (en)
[origin: EP2738125A2] The method involves supporting a coil casing in a coil frame (18) of a coil winder of an automatic winder (1). Inner yarn layers are wound with large cross angle for producing good dye liquor at the beginning of winding of a cross-wound spool (11). The spool is switched to small cross angle during reaching of a predetermined diameter between 75 and 85 mm and rewound in a wild winding, where value of the short cross angle amounts to 42 degrees. The spool is moved to a cross-wound spool-transport device (21) through pivoting of the frame around a pivot axis (19).

IPC 8 full level
B65H 55/04 (2006.01); **B65H 54/38** (2006.01)

CPC (source: EP)
B65H 54/38 (2013.01); **B65H 55/04** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [Y] DE 102008008083 A1 20090730 - STAHLLECKER GMBH WILHELM [DE]
- [Y] EP 2468669 A2 20120627 - OERLIKON TEXTILE GMBH & CO KG [DE]
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- [A] DE 4024218 A1 19920206 - SCHLAFHORST & CO W [DE]
- [Y] "Cross winding of yarn packages", 1 July 2000, UNIVERSITY OF LEEDS, Leeds, article GUNGOR DURUR: "Cross winding of yarn packages", pages: 15 - 16, XP055159432

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

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DOCDB simple family (application)
EP 13005338 A 20131113; CN 201310757011 A 20131129; DE 102012023559 A 20121201; JP 2013249300 A 20131202