Title (en)
Individual suction system for a winding unit

Title (de)
Individuelles Saugsystem für eine Wickeleinheit

Title (fr)
Système d'aspiration individuel pour unité d'enroulement

Publication
EP 2322458 A1 20110518 (EN)

Application
EP 10190496 A 20101109

Priority
IT MI20092013 A 20091116

Abstract (en)
A winding unit served by a suction system which provides all the suction services required by the winding unit, in which such a suction system consists of a single suction device which individually equips each winding unit, each suction device being driven with a variable speed rotation rate value by the winding unit to give each time different depression values required by the winding organs.

IPC 8 full level
B65H 54/70 (2006.01); **B65H 67/08** (2006.01)

CPC (source: EP)
B65H 54/702 (2013.01); **B65H 54/707** (2013.01); **B65H 67/081** (2013.01); B65H 2701/31 (2013.01)

Citation (applicant)
- EP 0662441 A1 19950712 - SAVIO MACCHINE TESSILI SRL [IT]
- EP 1950162 A2 20080730 - SAVIO MACCHINE TESSILI SPA [IT]

Citation (search report)
- [AD] EP 1950162 A2 20080730 - SAVIO MACCHINE TESSILI SPA [IT]
- [A] DE 102006035729 A1 20080131 - RIETER AG MASCHF [CH]
- [A] EP 0849205 A2 19980624 - SCHLAFHORST & CO W [DE]
- [A] DE 102007006679 A1 20080814 - OERLIKON TEXTILE GMBH & CO KG [DE]
- [A] GB 2062712 A 19810528 - ZINSER TEXTILMASCHINEN GMBH
- [A] EP 2053006 A2 20090429 - MURATA MACHINERY LTD [JP]
- [A] DE 10017209 A1 20011011 - RIETER AG MASCHF [CH]
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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2322458 A1 20110518; **EP 2322458 B1 20130313**; CN 102060215 A 20110518; CN 102060215 B 20131218; IT 1396438 B1 20121123; IT MI20092013 A1 20110517

DOCDB simple family (application)
EP 10190496 A 20101109; CN 201010551264 A 20101116; IT MI20092013 A 20091116