

Title (en)

Yarn end catching device and method of operating it

Title (de)

Garnendenaufnahmevorrichtung und Betriebsverfahren dafür

Title (fr)

Dispositif pour attraper l'extrémité des fils et son procédé de fonctionnement

Publication

EP 2468932 A1 20120627 (EN)

Application

EP 12160960 A 20100708

Priority

- EP 10168860 A 20100708
- JP 2009188450 A 20090817

Abstract (en)

A yarn end catching device in a spinning machine, with a suction pipe (44) which sucks and catches a yarn end of a yarn (10) through a suction opening (63), the suction pipe (44) of the yarn end catching device comprising: a suction passage (62) for sucking the yarn end; and a twist applying member (67) which applies twists to the yarn sucked in the suction passage (62), wherein an ejector nozzle (66) is provided for injecting compressed air into the suction passage (62) and one suction airflow can be generated through the ejector nozzle (66) and another suction airflow can be generated through the suction pipe (44).

IPC 8 full level

B65H 67/08 (2006.01); **D01H 4/48** (2006.01); **D01H 15/00** (2006.01)

CPC (source: EP)

B65H 51/22 (2013.01); **B65H 54/26** (2013.01); **B65H 67/081** (2013.01); **D01H 4/48** (2013.01); **D01H 15/00** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

- JP 2005220483 A 20050818 - MURATA MACHINERY LTD
- JP 2004124333 A 20040422 - MURATA MACHINERY LTD

Citation (search report)

- [E] EP 2213773 A1 20100804 - MURATA MACHINERY LTD [JP]
- [A] JP H08246268 A 19960924 - MURATA MACHINERY LTD
- [A] EP 1882663 A2 20080130 - MURATA MACHINERY LTD [JP]
- [AP] EP 2169096 A1 20100331 - MURATA MACHINERY LTD [JP]

Cited by

CN112127029A

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2302115 A1 20110330; **EP 2302115 B1 20120919**; CN 101994176 A 20110330; CN 101994176 B 20140709; EP 2468932 A1 20120627; EP 2468932 B1 20130612; JP 2011038225 A 20110224

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