

Title (en)  
TEXTILE MACHINE

Title (de)  
TEXTILMASCHINE

Title (fr)  
MACHINE TEXTILE

Publication  
**EP 3246279 A1 20171122 (EN)**

Application  
**EP 17169263 A 20170503**

Priority  
JP 2016098256 A 20160516

Abstract (en)  
A lower yarn guiding pipe (25) and an upper yarn guiding pipe (26) suck and collect yarn waste generated in a winder unit (4). A first suction current generating mechanism (40) includes a negative pressure electric motor (42) that generates a first suction current in the lower yarn guiding pipe (25) and the upper yarn guiding pipe (26). A yarn end holding section (63) sucks and holds a yarn end of a yarn supplying bobbin (21) accommodated in a pocket (62p) of a magazine-type bobbin feeding mechanism (60), and collects generated yarn waste. A second suction current generating mechanism (50) generates a second suction current in the yarn end holding section (63) by the action of a negative pressure electric motor (52) that is different from the negative pressure electric motor (42).

IPC 8 full level  
**B65H 67/02** (2006.01); **B65H 54/70** (2006.01)

CPC (source: CN EP)  
**B65H 54/702** (2013.01 - EP); **B65H 54/707** (2013.01 - EP); **B65H 67/02** (2013.01 - EP); **D01H 11/005** (2013.01 - CN);  
**B65H 2701/31** (2013.01 - EP)

Citation (applicant)  
• JP 2013067445 A 20130418 - MURATA MACHINERY LTD  
• JP H0229587 B2 19900629  
• JP S5777173 A 19820514 - KURARAY CO  
• EP 2799380 A1 20141105 - SAVIO MACCHINE TESSILI SPA [IT]

Citation (search report)  
• [YDA] JP 2013067445 A 20130418 - MURATA MACHINERY LTD  
• [Y] DE 102008037992 A1 20100218 - OERLIKON TEXTILE GMBH & CO KG [DE]  
• [A] DE 102015005056 A1 20151217 - MURATA MACHINERY LTD [JP]  
• [A] EP 1950162 A2 20080730 - SAVIO MACCHINE TESSILI SPA [IT]

Cited by  
CN107740238A; US2021332506A1; US11702770B2; EP3686141A1; EP4343042A1

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 3246279 A1 20171122; EP 3246279 B1 20210127**; CN 107447308 A 20171208; CN 107447308 B 20220322; JP 2017206327 A 20171124

DOCDB simple family (application)  
**EP 17169263 A 20170503**; CN 201710299278 A 20170502; JP 2016098256 A 20160516