

Title (en)  
TEXTILE MACHINE

Title (de)  
TEXTILMASCHINE

Title (fr)  
MACHINE TEXTILE

Publication  
**EP 2657381 A4 20140618 (EN)**

Application  
**EP 11850074 A 20111026**

Priority  
• JP 2010283069 A 20101220  
• JP 2011005971 W 20111026

Abstract (en)  
[origin: EP2657381A1] A fine spinning machine (textile machine) includes a spinning unit, a sub duct (32), a sub blower (31), a filter member (33), a discharge part (62), a centralized duct (36), and a centralized blower. The sub duct (32) is arranged corresponding to each of a predetermined number of the spinning units. A removal object substance (81) flows in the sub duct (32). The sub blower (31) generates, within the sub duct (32), a suction stream (82). The filter member (33) allows part of the suction stream (82) to pass therethrough. The discharge part (62) discharges the part of the suction stream (82) having passed through the filter member (33). The centralized duct (36) is connected to the sub duct (32). Part of the suction stream (82) not having passed through the filter member (33) and the removal object substance (81), flow in the centralized duct (36). The centralized blower generates, within the centralized duct (36), an air stream (83). The flow rate of the suction stream (82) that is discharged from the discharge part (62) is larger than the flow rate of the suction stream (82) that flows in the centralized duct (36).

IPC 8 full level  
**D01H 11/00** (2006.01); **B65H 54/70** (2006.01)

CPC (source: EP)  
**B65H 54/88** (2013.01); **D01H 11/005** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)  
• [YD] JP 2009097109 A 20090507 - MURATA MACHINERY LTD  
• [Y] EP 2045378 A1 20090408 - MURATA MACHINERY LTD [JP]  
• See references of WO 2012086113A1

Cited by  
EP3141507A1; EP3141508A1

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

DOCDB simple family (publication)  
**EP 2657381 A1 20131030; EP 2657381 A4 20140618; EP 2657381 B1 20161019**; CN 103261497 A 20130821; CN 103261497 B 20150909; JP 2012132112 A 20120712; WO 2012086113 A1 20120628

DOCDB simple family (application)  
**EP 11850074 A 20111026**; CN 201180061090 A 20111026; JP 2010283069 A 20101220; JP 2011005971 W 20111026