

Title (en)  
Draft device, spinning unit, and spinning machine

Title (de)  
Streckwerk, Spinnereinheit und Spinnmaschine

Title (fr)  
Dispositif d'étirage, unité de filage et métier à filer

Publication  
**EP 2573227 A2 20130327 (EN)**

Application  
**EP 12175082 A 20120705**

Priority  
• JP 2011206509 A 20110921  
• JP 2012053453 A 20120309

Abstract (en)  
A draft device includes a roller pair (R), a switching section (31), and a suction section (41). The suction section (41) includes a suction opening (42) adapted to suck fiber dusts in proximity of a top roller, a first suction transporting pipe (43) adapted to transport the fiber dusts sucked through the suction opening (42), and a second suction transporting pipe (44) provided independently from the first suction transporting pipe (43) and adapted to be under a connected state by making contact with the first suction transporting pipe (43) at a drafting position, and an unconnected state by being separated from the first suction transporting pipe (43) at a non-drafting position. The first suction transporting pipe (43) and the second suction transporting pipe (44) are connected at downstream of the most-downstream roller pair (R) in a drafting direction of the fiber bundle (F).

IPC 8 full level  
**D01H 5/66** (2006.01)

CPC (source: EP)  
**D01H 5/66** (2013.01)

Citation (applicant)  
• JP 2004218104 A 20040805 - MURATA MACHINERY LTD  
• JP S54139726 U 19790928

Cited by  
CN105780212A; CN110055641A; WO2019034946A1; WO2018024589A1

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 2573227 A2 20130327; EP 2573227 A3 20161123; EP 2573227 B1 20190619**; CN 103014949 A 20130403; CN 103014949 B 20160810; JP 2013079478 A 20130502

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**EP 12175082 A 20120705**; CN 201210196177 A 20120614; JP 2012053453 A 20120309