

Title (en)  
YARN WINDING MACHINE

Title (de)  
GARNWICKLUNGSMASCHINE

Title (fr)  
MACHINE DE RENVIDEUR DE FIL

Publication  
**EP 3141508 B1 20190821 (EN)**

Application  
**EP 16187506 A 20160906**

Priority  
JP 2015176529 A 20150908

Abstract (en)  
[origin: EP3141508A1] In a spinning frame (1), opening / closing members (a first opening / closing member (65) and a second opening / closing member (66)) are arranged in a flow path in which a suction current (82, 83) generated by at least one of a section blower (32) and a main blower acts in each of section ducts (31). Supporting members openably / closably support the opening / closing members (65, 66) to change an open / closed state of the flow path according to difference between a pressure at an upstream side and a pressure at a downstream side of the opening / closing members.

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

CPC (source: CN EP)  
**B65H 54/702** (2013.01 - EP); **B65H 54/88** (2013.01 - CN); **D01H 11/005** (2013.01 - EP); **B65H 2701/31** (2013.01 - CN EP)

Cited by  
WO2018185221A1

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 3141508 A1 20170315; EP 3141508 B1 20190821**; CN 106494942 A 20170315; CN 106494942 B 20190702; JP 2017053052 A 20170316

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**EP 16187506 A 20160906**; CN 201610750771 A 20160829; JP 2015176529 A 20150908