

Title (en)
Open-end spinning machine

Title (de)
Offenend-Spinnvorrichtung

Title (fr)
Métier à tisser à extrémité ouverte

Publication
EP 2530192 B1 20140129 (DE)

Application
EP 12002804 A 20120421

Previously filed application
102011102883 20110531 DE

Priority
DE 102011102883 A 20110531

Abstract (en)
[origin: EP2530192A1] The open end-spinning device (1) has a spinning rotor (3) which is rotatably supported in a low-pressure chargeable rotor housing and is pneumatically connected with a release roller (21) over a conically incoming fiber conducting channel (14). The release roller is rotatably supported in a release roller housing (17). A unit is provided for influencing a transport air flow available in the fiber conducting channel. The unit is pneumatically arranged in the area of the fiber conducting channel. A boundary layer-suction unit is installed at the input side of the fiber conducting channel.

IPC 8 full level
D01H 4/38 (2006.01); **D01H 4/32** (2006.01); **D01H 4/36** (2006.01)

CPC (source: EP)
D01H 4/32 (2013.01); **D01H 4/36** (2013.01); **D01H 4/38** (2013.01)

Cited by
DE102023100520A1; WO2024149814A1

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 2530192 A1 20121205; EP 2530192 B1 20140129; CN 102808248 A 20121205; CN 102808248 B 20150513;
DE 102011102883 A1 20121206

DOCDB simple family (application)
EP 12002804 A 20120421; CN 201210151133 A 20120515; DE 102011102883 A 20110531