

Title (en)
Opening rotor spinning machine

Title (de)
Offenend-Rotorspinnmaschine

Title (fr)
Métier à tisser à rotor à extrémité ouverte

Publication
EP 2565306 A3 20150304 (DE)

Application
EP 12005963 A 20120821

Priority
DE 102011112364 A 20110902

Abstract (en)
[origin: EP2565306A2] The open-end rotor spinning machine (1) has several work stations (2), each having a spinning rotor. A drive unit performs variable-speed drive of the spinning rotor. A measuring unit detects the thread breaks, and an evaluation unit detects the yarn breakage rate. A control unit sets the speed of spinning rotors automatically in dependence on the respectively determined yarn breakage rate, and regulates the yarn breakage rate, so that the yarn breakage rate is below a predetermined target range maximum fiber breakage.

IPC 8 full level
D01H 4/44 (2006.01)

CPC (source: EP)
D01H 4/44 (2013.01)

Citation (search report)
[I] EP 0541483 A1 19930512 - RIETER AG MASCHF [CH]

Cited by
DE102019116475A1; US11643757B2; EP3666943A1; JP2020079458A; WO2024126031A1; EP3760772A1

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 2565306 A2 20130306; EP 2565306 A3 20150304; EP 2565306 B1 20170726; CN 102978754 A 20130320; CN 102978754 B 20170301; DE 102011112364 A1 20130307

DOCDB simple family (application)
EP 12005963 A 20120821; CN 201210316410 A 20120830; DE 102011112364 A 20110902