

Title (en)
Yarn winding machine

Title (de)
Garnwicklungsmaschine

Title (fr)
Machine de renvideur de fil

Publication
EP 2848565 B1 20160120 (EN)

Application
EP 14184054 A 20140909

Priority
JP 2013192169 A 20130917

Abstract (en)
[origin: EP2848565A1] A spinning machine (10) includes a first spinning unit (1a) that forms a first package by winding a first yarn; a second spinning unit (1b) that is arranged adjacent to the first spinning unit (1a) along a predetermined direction (D) and that forms a second package by winding a second yarn; and a yarn joining device (90) that is arranged in common only for the first spinning unit (1a) and the second spinning unit (1b) and that performs yarn joining in each of the first yarn winding unit (1a) and the second yarn winding unit (1b).

IPC 8 full level
B65H 54/26 (2006.01); **B65H 69/06** (2006.01); **D01H 15/013** (2006.01)

CPC (source: EP)
B65H 54/26 (2013.01); **B65H 69/061** (2013.01); **D01H 15/013** (2013.01); **B65H 2701/31** (2013.01)

Cited by
EP3360830A1; EP2985371A3; WO2021223784A1

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 2848565 A1 20150318; **EP 2848565 B1 20160120**; CN 104444576 A 20150325; CN 104444576 B 20181019; CN 109626108 A 20190416; CN 109626108 B 20201013; JP 2015059277 A 20150330

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EP 14184054 A 20140909; CN 201410445966 A 20140903; CN 201811237847 A 20140903; JP 2013192169 A 20130917