

Title (en)
Service vehicle of textile machine

Title (de)
Versorgungsfahrzeug einer Textilmaschine

Title (fr)
Véhicule de service d'une machine textile

Publication
EP 2853510 A1 20150401 (EN)

Application
EP 14180720 A 20140812

Priority
JP 2013205423 A 20130930

Abstract (en)
A yarn joining vehicle (3) includes a reverse rotating roller (63), an air cylinder (66), and a stopper (36). The reverse rotating roller (63) is adapted to rotate while making contact with a cross-wound package (45) to rotationally drive the cross-wound package (45). The air cylinder (66) is adapted to move the reverse rotating roller (63) between a contacting position where the reverse rotating roller (63) can make contact with the cross-wound package (45), and a retracted position where the reverse rotating roller (63) is retracted from the cross-wound package (45). The stopper (36) is provided independent of the air cylinder (66) and adapted to hold the reverse rotating roller (63) at a held position closer to the retracted position than the contacting position.

IPC 8 full level
B65H 54/26 (2006.01); **D01H 13/00** (2006.01)

CPC (source: CN EP)
B65H 54/26 (2013.01 - EP); **B65H 67/081** (2013.01 - EP); **D01H 15/013** (2013.01 - CN); **B65H 2701/31** (2013.01 - EP)

Citation (applicant)
JP 2013067484 A 20130418 - MURATA MACHINERY LTD

Citation (search report)
• [XY] US 4150532 A 19790424 - LIGONES HUBERT [FR]
• [Y] US 4628684 A 19861216 - MORITA TAKAYUKI [JP], et al
• [A] US 4047674 A 19770913 - KAMP HEINZ

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 2853510 A1 20150401; **EP 2853510 B1 20180103**; CN 104514058 A 20150415; CN 104514058 B 20180518; IN 2692DE2014 A 20150626; JP 2015067441 A 20150413

DOCDB simple family (application)
EP 14180720 A 20140812; CN 201410457842 A 20140910; IN 2692DE2014 A 20140918; JP 2013205423 A 20130930