

Title (en)
SPUN YARN TAKE-UP MACHINE

Title (de)
AUFNAHMEVORRICHTUNG FÜR GESPONNENES GARN

Title (fr)
DISPOSITIF DE BOBINAGE DE FIL FILÉ

Publication
EP 3210919 A1 20170830 (EN)

Application
EP 17157846 A 20170224

Priority
• JP 2016036992 A 20160229
• JP 2017003028 A 20170112

Abstract (en)
A moving distance of a yarn catch guide, which is for catching a yarn traversed by a traverse unit, needed to release the yarn from the yarn catch guide, is reduced. A yarn catch guide 51 is configured to catch a yarn Y introduced into a groove portion 56. When the yarn catch guide 51 is moved from a catching position for catching the yarn Y to a yarn shifting position frontward of the catching position, a guided portion 58 is guided by the first guide groove 62a extending in a front-rear direction. Due to this, the yarn catch guide 51 is parallel translated in the front-rear direction. When the yarn catch guide 51 is moved from the yarn shifting position toward the catching position, the guided portion 58 is guided by a second guide groove 62b that is disposed on one side in the second direction relative to the first guide groove 62a. Due to this, the yarn catch guide 51 is swung with respect to an insertion portion 51b. As a result, the yarn Y disengaged from the groove portion 56, and thus the yarn Y is released from the yarn catch guide 51.

IPC 8 full level
B65H 65/00 (2006.01)

CPC (source: CN EP)
B65H 65/00 (2013.01 - EP); **D01D 5/16** (2013.01 - CN); **B65H 2701/31** (2013.01 - EP)

Citation (applicant)
JP 2013542898 A 20131128

Citation (search report)
• [AD] JP 2013542898 A 20131128
• [A] DE 8116938 U1 19821014 - BARMAG BARMER MASCHF
• [A] US 6045081 A 20000404 - OBERSTRASS DETLEV [DE], et al
• [A] US 6024320 A 20000215 - SCHIPPERS HEINZ [DE], et al
• [A] US 5016829 A 19910521 - SCHIPPERS HEINZ [DE], et al

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 3210919 A1 20170830; **EP 3210919 B1 20190327**; CN 107130308 A 20170905; CN 107130308 B 20211015

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EP 17157846 A 20170224; CN 201710099255 A 20170223