

Title (en)
Take-up apparatus and take-up facility

Title (de)
Aufnahmevorrichtung und Aufnahmeeinrichtung

Title (fr)
Appareil d'enroulement et installation d'enroulement

Publication
EP 2644548 A3 20140924 (EN)

Application
EP 13159441 A 20130315

Priority
JP 2012082804 A 20120330

Abstract (en)
[origin: EP2644548A2] [OBJECT] A yarn feeding unit of a take-up apparatus can readily be arranged, so as to facilitate ease of installation and maintenance for the take-up apparatus. [MEANS OF REALIZING THE OBJECT] A take-up apparatus includes a package winding unit (21), a first godet roller (37), a second godet roller (38) arranged above the package winding unit (21) and more on the downstream side than the first godet roller (37) in the travel direction of the yarns, a yarn feeding unit (31) including the first godet roller (37) and the second godet roller (38) and configured to feed the yarns Y from a melt spinning machine (12) to the package winding unit (21) while processing the yarns, and a first beam (62) disposed in an area sandwiched by a first yarn path (Y1) between the melt spinning machine (12) and the first godet roller (37) and by a second yarn path (Y2) leading from the first godet roller (37) to the second godet roller (38) and configured to support the yarn feeding unit (31).

IPC 8 full level
B65H 51/06 (2006.01); **B65H 51/32** (2006.01); **B65H 54/70** (2006.01); **B65H 57/00** (2006.01); **B65H 67/048** (2006.01); **D01D 13/00** (2006.01)

CPC (source: EP)
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B65H 2701/3132 (2013.01)

Citation (search report)
• [X] EP 2407408 A2 20120118 - TMT MACHINERY INC [JP]
• [X] US 5794868 A 19980818 - BUSENHART PETER [CH], et al
• [X] EP 0080568 A2 19830608 - RIETER AG MASCHF [CH]
• [A] DE 102010015215 A1 20111020 - OERLIKON TEXTILE GMBH & CO KG [DE]

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EP3357847A1; WO2019206807A1; DE102018008602A1

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

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JP 2013213291 A 20131017; JP 5864338 B2 20160217; TW 201339383 A 20131001; TW I558868 B 20161121

DOCDB simple family (application)
EP 13159441 A 20130315; CN 201310085246 A 20130318; JP 2012082804 A 20120330; TW 102111185 A 20130328