

Title (en)
SPUN YARN TAKE-UP APPARATUS

Title (de)
AUFNAHMEVORRICHTUNG FÜR GESPONNENES GARN

Title (fr)
APPAREIL DE RATRAPAGE DE FIL FIN

Publication
EP 4101797 A1 20221214 (EN)

Application
EP 22176936 A 20220602

Priority
JP 2021097323 A 20210610

Abstract (en)
In order to provide a spun yarn take-up apparatus lower in floor level than a conventional apparatus, the spun yarn take-up apparatus comprises a spun yarn take-up unit 6 for taking up and drawing a plurality of yarns 100 spun from a spinning machine, and a spooling unit 8 for winding the plurality of yarns 100 delivered from the spun yarn take-up unit 6 to form a wound package. The spun yarn take-up unit 6 includes: a first guide section 10 for guiding the plurality of yarns 100 downstream along a yarn traveling direction; and a drawing section 28 including a plurality of rollers having at least one roller for drawing the plurality of yarns 100 guided by the first guide section 10; and a second guide section 62, 70 for guiding the plurality of yarns 100 from the drawing section 28 to the spooling unit 8. The spooling unit 8 and the drawing section 28 are arranged horizontally. The second guide section has a second relaxing roller 62 and the distribution section 70. The plurality of yarns 100 from the drawing section 28 are delivered to the spooling unit 8 through the distribution section 70 and the second relaxing roller 62.

IPC 8 full level
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CPC (source: CN EP)
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Citation (applicant)
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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

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BA ME

Designated validation state (EPC)
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