

Title (en)
YARN WINDING MACHINE

Title (de)
GARNWICKELMASCHINE

Title (fr)
MACHINE DE BOBINAGE DE FIL

Publication
EP 4249414 A1 20230927 (EN)

Application
EP 23163013 A 20230321

Priority
JP 2022049589 A 20220325

Abstract (en)
A yarn winding machine includes a lower winding unit and an upper winding unit 10a. The upper winding unit 10a is arranged at a higher position than the lower winding unit and at an offset position perpendicular to the axial direction of the package with respect to the lower winding unit. The upper winding unit 10a includes a first bobbin holder, a second bobbin holder, and turret plate 40. The first bobbin holder holds a first bobbin. The second bobbin holder holds a second bobbin. The turret plate 40 changes positions of the first bobbin holder and the second bobbin holder. The turret plate 40 sets a position of the first bobbin holder to a position larger than 270° and smaller than 360° by receiving the signal for threading the yarn to the first bobbin (yarn threading start signal).

IPC 8 full level
B65H 65/00 (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP KR)
B65H 65/00 (2013.01 - EP); **B65H 67/048** (2013.01 - EP KR); **B65H 2408/23152** (2013.01 - KR); **B65H 2701/31** (2013.01 - KR); **B65H 2701/3132** (2013.01 - EP)

Citation (applicant)
JP 2001019274 A 20010123 - MURATA MACHINERY LTD

Citation (search report)

- [A] EP 2664570 A1 20131120 - TMT MACHINERY INC [JP]
- [A] US 6015113 A 20000118 - DALY THOMAS PATRICK [US], et al
- [A] EP 1065163 A2 20010103 - MURATA MACHINERY LTD [JP]
- [A] EP 0985621 A2 20000315 - MURATA MACHINERY LTD [JP]
- [A] EP 0927695 A2 19990707 - MURATA MACHINERY LTD [JP]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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DOCDB simple family (application)
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