

Title (en)
SPUN YARN TAKE-UP MACHINE

Title (de)
AUFNAHMEMASCHINE FÜR GESPONNENES GARN

Title (fr)
MACHINE DE BOBINAGE DE FIL

Publication
EP 4144678 A1 20230308 (EN)

Application
EP 22203232 A 20190701

Priority
• JP 2018146023 A 20180802
• EP 19183595 A 20190701

Abstract (en)
A spun yarn take-up machine and a yarn threading assisting tool for the spun yarn take-up machine, which prevent an operator from receiving an electric shock when performing yarn threading, are provided. The spun yarn take-up machine includes a conductive frame 92, a ground wire 70, a magnet 71 which conductively attaches the ground wire 70 to the frame 92, and a hook member 72 which conductively attaches the ground wire 70 to a yarn threading assisting tool 60.

IPC 8 full level
B65H 54/70 (2006.01); **B65H 57/00** (2006.01); **B65H 57/16** (2006.01)

CPC (source: CN EP)
B65H 54/70 (2013.01 - EP); **B65H 57/003** (2013.01 - EP); **B65H 57/16** (2013.01 - EP); **D01D 7/00** (2013.01 - CN); **D01D 10/0436** (2013.01 - CN); **H05F 3/02** (2013.01 - CN); **B65H 2701/31** (2013.01 - EP)

Citation (applicant)
• JP 2015165060 A 20150917 - TMT MACHINERY INC
• DE 102011016786 A1 20121018 - OERLIKON TEXTILE GMBH & CO KG [DE]
• JP 2005345107 A 20051215 - NIPPON ACP KK

Citation (search report)
• [A] DE 102011016786 A1 20121018 - OERLIKON TEXTILE GMBH & CO KG [DE]
• [A] JP S5369543 U 19780610
• [A] DE 102015202016 A1 20150806 - TMT MACHINERY INC [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 MK MT NL NO PL PT RO RS SE SI SK SM TR

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