Title (en)
SPUN YARN DRAWING APPARATUS

Title (de)
SPINNGARNEINZUGSVORRICHTUNG

Title (fr)
APPAREIL D'ÉTIRAGE DE FIL FILÉ

Publication
EP 3517665 A1 20190731 (EN)

Application
EP 19150332 A 20190104

Priority
JP 2018012278 A 20180129

Abstract (en)
An airflow in a thermal insulation box is restrained from becoming uneven in the axial direction of a heating roller, when a plate member is provided in a thermal insulation box of a spun yarn drawing apparatus. A plate member 41 is provided to protrude forward from the back surface of the thermal insulation box in which the front surface is arranged as a door member 27 and to be separated from the door member 27 in a closed state. A gap between the front end of this plate member 41 and the door member 27 in the closed state is closed by a sealing member 61. This restrains an airflow in the axial direction of the heating roller (i.e., in the front-rear direction) from becoming uneven.

IPC 8 full level
D02J 1/22 (2006.01); **D01D 5/16** (2006.01); **D01D 10/02** (2006.01)

CPC (source: CN EP)
D01D 5/12 (2013.01 - CN); **D01D 5/16** (2013.01 - EP); **D01D 7/00** (2013.01 - CN); **D01D 10/02** (2013.01 - CN EP); **D01D 10/0436** (2013.01 - CN); **D02J 1/224** (2013.01 - EP); D10B 2331/04 (2013.01 - CN)

Citation (applicant)
- JP 2015055020 A 20150323 - TMT MACHINERY INC
- JP 2016216882 A 20161222 - TMT MACHINERY INC

Citation (search report)
- [XAY] EP 3064621 A1 20160907 - TMT MACHINERY INC [JP]
- [Y] JP S61252311 A 19861110 - TORAY INDUSTRIES
- [IA] EP 2415915 A1 20120208 - 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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3517665 A1 20190731; **EP 3517665 B1 20201118**; CN 110093672 A 20190806; JP 2019131899 A 20190808; JP 7063639 B2 20220509

DOCDB simple family (application)
EP 19150332 A 20190104; CN 201811553272 A 20181219; JP 2018012278 A 20180129