

Title (en)

Inner cylindrical body of drafting roller, roller member of drafting roller, drafting roller, drafting device, and air-jet spinning machine

Title (de)

Innerer zylindrischer Körper einer Streckwalze, Walzenglied einer Streckwalze, Streckwalze, Streckvorrichtung und Druckluftspinnmaschine

Title (fr)

Corps cylindrique interne de rouleau d'étirage, élément de roulement de rouleau d'étirage, rouleau d'étirage, dispositif d'étirage et machine de filature par jet

Publication

EP 2889402 A1 20150701 (EN)

Application

EP 14195447 A 20141128

Priority

JP 2013258568 A 20131213

Abstract (en)

A front top roller (20) includes a roller member (26) that is rotatably supported via a bearing member (28). The roller member (26) includes an outer cylindrical body (38) made of rubber and an inner cylindrical body (40) arranged inside the outer cylindrical body (38). A coating (53) is applied on an inner peripheral surface of the inner cylindrical body (40).

IPC 8 full level

D01H 5/74 (2006.01)

CPC (source: CN EP)

D01H 4/30 (2013.01 - CN); **D01H 5/74** (2013.01 - CN EP)

Citation (applicant)

- JP H11247036 A 19990914 - MURATA MACHINERY LTD
- JP 2012508828 A 20120412

Citation (search report)

- [XY] JP H0753134 A 19950228 - TORAY INDUSTRIES
- [XY] CN 201793837 U 20110413 - LINYI DONG
- [XY] JP S5931867 A 19840221 - USUI KOKUSAI SANGYO KK
- [YD] JP H11247036 A 19990914 - MURATA MACHINERY LTD
- [Y] DE 19542804 A1 19970522 - RIETER AG MASCHF [CH]

Cited by

AU2018355693B2; US11518190B2; WO2019081512A1

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 2889402 A1 20150701; CN 104711722 A 20150617; JP 2015113551 A 20150622

DOCDB simple family (application)

EP 14195447 A 20141128; CN 201410680446 A 20141124; JP 2013258568 A 20131213