

Title (en)
OIL SUPPLY GUIDE AND SPUN YARN TAKE-UP APPARATUS

Title (de)
ÖLVERSORGUNGSFÜHRUNG UND VORRICHTUNG ZUR AUFNAHME VON GESPONNENEM GARN

Title (fr)
GUIDE D'ALIMENTATION EN HUILE ET APPAREIL DE RATRAPAGE D'UN FILÉ

Publication
EP 3521486 B1 20201230 (EN)

Application
EP 19151154 A 20190110

Priority
JP 2018017965 A 20180205

Abstract (en)
[origin: EP3521486A1] Oil is evenly applied to a yarn even when the viscosity of the oil is low. A surface 21 of a guide main body 20 of an oil supply guide 11, which is on the front side, extends along the up-down direction. A discharge port 25 is formed in the surface 21 to discharge oil. On the respective sides in the left-right direction of the discharge port 25 on the surface 21, two yarn guiding members 23 are provided to extend along the up-down direction and to be inclined relative to the up-down direction so that the distance between the two yarn guiding members 23 decreases downward. A part of the surface 21, which is below the lower end 25b of the discharge port 25, is a lower curved surface 27 which is curved to protrude forward. When viewed in the left-right direction, the upper end 25a of the discharge port 25 and an upper part 20a of the guide main body 20, which is above the upper end 25a, overlap neither a tangent L1 of the lower curved surface 27 at the lower end 25b of the discharge port 25 nor a linear line L2 which is formed by rotating the tangent L1 by 10 degrees toward the upper end 25a of the discharge port 25 about the lower end 25b of the discharge port 25.

IPC 8 full level
D01D 5/096 (2006.01)

CPC (source: CN EP KR)
D01D 5/096 (2013.01 - CN EP KR); **D01D 7/00** (2013.01 - KR)

Cited by
EP3865444A1; TWI815079B; EP3865444B1

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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

DOCDB simple family (publication)
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