

Title (en)
FIBER GUIDE

Title (de)
FASERFÜHRUNG

Title (fr)
GUIDE DE FIBRE

Publication
EP 3461771 A4 20190619 (EN)

Application
EP 17820154 A 20170627

Priority
• JP 2016127764 A 20160628
• JP 2017023583 W 20170627

Abstract (en)
[origin: EP3461771A1] The contact surface of a fiber guide (10) according to the present disclosure contacting a fiber (1) has a 20% cut level load length ratio Rmr20, as calculated from a roughness curve, of 15% or lower, and a 50% cut level load length ratio Rmr50, as calculated from a roughness curve, of 60% or higher.

IPC 8 full level
B65H 57/24 (2006.01); **D01D 11/04** (2006.01)

CPC (source: EP)
B65H 57/24 (2013.01); **D01D 11/04** (2013.01); **B65H 2701/31** (2013.01); **D01D 5/096** (2013.01)

Citation (search report)
• [AD] JP 2000073225 A 20000307 - TORAY INDUSTRIES
• [A] EP 0397156 A1 19901114 - FELDMUEHLE AG [DE]
• [A] JP 2005036377 A 20050210 - TORAY INDUSTRIES
• [A] WO 2015093531 A1 20150625 - KYOCERA CORP [JP]
• See references of WO 2018003800A1

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 3461771 A1 20190403; EP 3461771 A4 20190619; EP 3461771 B1 20200909; CN 109689550 A 20190426; CN 109689550 B 20210126; JP 6708736 B2 20200610; JP WO2018003800 A1 20190404; WO 2018003800 A1 20180104

DOCDB simple family (application)
EP 17820154 A 20170627; CN 201780039860 A 20170627; JP 2017023583 W 20170627; JP 2018525178 A 20170627