

Title (en)  
FIBER GUIDE

Title (de)  
FASERFÜHRUNG

Title (fr)  
GUIDE-FIBRE

Publication  
**EP 3604635 A4 20201230 (EN)**

Application  
**EP 18777287 A 20180326**

Priority  
• JP 2017065419 A 20170329  
• JP 2018012082 W 20180326

Abstract (en)  
[origin: EP3604635A1] A fiber guide according to the present disclosure includes a base; and a fiber contact surface that is brought into contact with a fiber in at least part of the base. The fiber contact surface includes an aluminum oxide ceramic and includes a zirconium silicate phase between aluminum oxide crystals.

IPC 8 full level  
**D01D 11/04** (2006.01); **B65H 57/24** (2006.01); **D01H 13/04** (2006.01)

CPC (source: EP)  
**B65H 57/02** (2013.01); **B65H 57/04** (2013.01); **B65H 57/14** (2013.01); **B65H 57/24** (2013.01); **D01D 11/04** (2013.01); **D01H 13/04** (2013.01)

Citation (search report)  
• [XY] JP 2001158658 A 20010612 - KYOCERA CORP  
• [Y] WO 2017038699 A1 20170309 - KYOCERA CORP [JP]  
• [A] EP 3085652 A1 20161026 - KYOCERA CORP [JP]  
• [A] JP H10102315 A 19980421 - KYOCERA CORP  
• See references of WO 2018181148A1

Cited by  
EP4177200A1

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)  
**EP 3604635 A1 20200205; EP 3604635 A4 20201230**; CN 110520558 A 20191129; CN 110520558 B 20220225; JP 6789379 B2 20201125; JP WO2018181148 A1 20200227; WO 2018181148 A1 20181004

DOCDB simple family (application)  
**EP 18777287 A 20180326**; CN 201880021566 A 20180326; JP 2018012082 W 20180326; JP 2019509784 A 20180326