

Title (en)  
ROTATIONAL CONNECTION HAVING CLAMPING SLEEVE

Title (de)  
ROTATIONSVERBINDUNG MIT SPANNHÜLSE

Title (fr)  
LIAISON ROTATIVE À MANCHON DE SERRAGE

Publication  
**EP 3519712 A1 20190807 (DE)**

Application  
**EP 17780061 A 20170928**

Priority  
• EP 16191411 A 20160929  
• EP 2017074607 W 20170928

Abstract (en)  
[origin: WO2018060322A1] The invention relates to a rotational connection (10) between parts (11, 12) that can be rotated with one another, including a shaft (11), a rotor (12), at least one clamping sleeve (13; 13'; 13'') clamped between the shaft (11) and the rotor (12) for transmitting torques between the shaft (11) and the rotor (12), in particular from the shaft (11) to the rotor (12). The clamping sleeve (13; 13'; 13'') releases a radial gap (16) between the shaft (11) and the rotor (12) with rotation in at least one speed range, in at least one, preferably in every sectional plane perpendicular to an axis of rotation (R) of the shaft (11) and the rotor (12). The rotor (12) is retained on the shaft (11) exclusively by the clamping sleeve (13; 13'; 13''). The invention also relates to a method for operating a rotational connection (10) of this type, a clamping sleeve (13; 13'; 13'') for a rotational connection (10) of this type, and a method for producing a rotational connection (10) of this type.

IPC 8 full level  
**F16C 35/073** (2006.01); **F16D 1/08** (2006.01)

CPC (source: EP)  
**F16C 35/073** (2013.01); **F16D 1/0835** (2013.01)

Citation (search report)  
See references of WO 2018060322A1

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 3301316 A1 20180404**; EP 3519712 A1 20190807; WO 2018060322 A1 20180405

DOCDB simple family (application)  
**EP 16191411 A 20160929**; EP 17780061 A 20170928; EP 2017074607 W 20170928