

Title (en)  
JOINING ELEMENT

Title (de)  
FÜGEELEMENT

Title (fr)  
ÉLÉMENT D'ASSEMBLAGE

Publication  
**EP 3475588 A1 20190501 (DE)**

Application  
**EP 17740632 A 20170627**

Priority  
• DE 102016111744 A 20160627  
• EP 2017065915 W 20170627

Abstract (en)  
[origin: WO2018002090A1] Disclosed is a thread-forming joining element (10, 30, 60, 70) comprising a thread for connection to at least one component, further comprising at least one reinforcing element (14, 34, 40, 62, 72) and a threaded covering element (12, 32, 46, 64a, 64b, 74a, 74b), the reinforcing element (14, 34, 40, 62, 72) and the covering element (12, 32, 46, 64a, 64b, 74a, 74b) being made of different materials, characterized in that the covering element (12, 32, 46, 64a, 64b, 74a, 74b) includes a ceramic retaining region (20).

IPC 8 full level  
**F16B 33/00** (2006.01)

CPC (source: EP)  
**F16B 33/006** (2013.01); **F16B 33/008** (2013.01)

Citation (search report)  
See references of WO 2018002090A1

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)  
**DE 102016111744 A1 20171228**; EP 3475588 A1 20190501; WO 2018002090 A1 20180104

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