

Title (en)
SHAFT-HUB CONNECTION HAVING POLYGON PROFILE

Title (de)
WELLEN-NABEN-VERBINDUNG MIT POLYGONPROFIL

Title (fr)
LIAISON ARBRE-MOYEU À PROFIL POLYGONAL

Publication
EP 2435721 A1 20120404 (DE)

Application
EP 10725022 A 20100531

Priority
• EP 2010003290 W 20100531
• DE 102009023449 A 20090530

Abstract (en)
[origin: WO2010139441A1] The invention relates to a shaft-hub connection having a polygon profile with rounded corners, wherein at least two corners are present and wherein the corners are rounded with a small radius and are connected to a section having a large radius, wherein the neighboring radii merge tangentially and wherein in preferred embodiments the centers of the radii have the same distance, or in further embodiments have a different distance, to the center of the polygon.

IPC 8 full level
F16D 1/10 (2006.01)

CPC (source: EP)
F16D 1/101 (2013.01); **F16D 2001/102** (2013.01)

Citation (search report)
See references of WO 2010139441A1

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010139441 A1 20101209; DE 102009023449 A1 20101216; EP 2435721 A1 20120404

DOCDB simple family (application)
EP 2010003290 W 20100531; DE 102009023449 A 20090530; EP 10725022 A 20100531