

Title (en)
TOOL BASE MODULE

Title (de)
WERKZEUGBASISMODUL

Title (fr)
MODULE DE BASE D'OUTIL

Publication
EP 3641988 B1 20231025 (DE)

Application
EP 18733534 A 20180614

Priority
• DE 102017210474 A 20170622
• DE 102018209307 A 20180612
• EP 2018065751 W 20180614

Abstract (en)
[origin: WO2018234134A1] The invention relates to a tool basic module for use with at least one attachment device (12), said tool basic module comprising: a drive unit (14); a main output shaft (16) having a shaft receptacle (18) for at least partially receiving a main input shaft (20) of the attachment device (12); and a coupling device (22), which has a mechanical interface (24) for mechanically connecting the attachment device (12) to the main output shaft (16) with respect to driving and an electrical interface (26) for transferring electric power and/or an electric current. According to the invention, the mechanical interface (24) is at least in particular substantially cylindrical and has a plurality of interlocking connection elements (28, 30, 32), which in particular are uniformly arranged on an outer periphery of the mechanical interface (24) and are provided for torque support of the attachment device (12).

IPC 8 full level
B25F 5/00 (2006.01); **B25B 23/00** (2006.01)

CPC (source: EP US)
B25B 23/0007 (2013.01 - EP US); **B25F 5/00** (2013.01 - EP); **B25F 5/02** (2013.01 - US)

Citation (examination)
US 2013118767 A1 20130516 - CANNALIATO MICHAEL F [US], et al

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)
DE 102018209307 A1 20181227; CN 110769982 A 20200207; CN 110769982 B 20231222; EP 3641988 A1 20200429; EP 3641988 B1 20231025; US 11772246 B2 20231003; US 2021138617 A1 20210513; WO 2018234134 A1 20181227

DOCDB simple family (application)
DE 102018209307 A 20180612; CN 201880040901 A 20180614; EP 18733534 A 20180614; EP 2018065751 W 20180614; US 201816624773 A 20180614