

Title (en)  
TOOL HOLDER

Title (de)  
WERKZEUGHALTER

Title (fr)  
SUPPORT D'OUTIL

Publication  
**EP 4238705 A1 20230906 (EN)**

Application  
**EP 22160080 A 20220303**

Priority  
EP 22160080 A 20220303

Abstract (en)  
A tool holder (100) includes a tool holder body (110) defining at least one tool holder cavity (124). A plug element (300) is adapted to be coupled with the at least one tool holder cavity (124). The plug element (300) includes a plug body (310) defining a tool cavity (312) and a coupling element (320) coupled to the plug body (310). The coupling element (320) is adapted to be received within the at least one tool holder cavity (124). The tool holder (100) is characterized in that the at least one tool holder cavity (124) defines a first set of ribs (126), and the coupling element (300) defines a second set of ribs (322). The first set of ribs (126) and the second set of ribs (322) engage together to allow the plug element (300) to removably couple with the at least one tool holder cavity (124) at one or more angular orientations in a stable manner.

IPC 8 full level  
**B25H 3/00** (2006.01); **A47F 7/00** (2006.01); **B25H 1/00** (2006.01)

CPC (source: EP)  
**A47F 7/0028** (2013.01); **B25H 3/00** (2013.01); **B25H 3/06** (2013.01)

Citation (applicant)  
US 5145135 A 19920908 - THOMPSON ALEX [US]

Citation (search report)  
• [X1] GB 2167518 A 19860529 - DALEBROOK DISPLAY CO LTD  
• [X1] CN 204273944 U 20150422 - WAH SANG PAPER PRODUCTS SHENZHEN CO LTD  
• [X1] CZ 35599 U1 20211130 - OLT JAN [CZ]

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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DOCDB simple family (application)  
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