

Title (en)  
MULTI-IMPLEMENT TOOL

Title (de)  
MULTIIMPLEMENTIERUNGSWERKZEUG

Title (fr)  
OUTIL À USTENSILES MULTIPLES

Publication  
**EP 3383588 B1 20230419 (EN)**

Application  
**EP 16852922 A 20161004**

Priority  
• US 201562236935 P 20151004  
• US 201662293833 P 20160211  
• CA 2016000244 W 20161004

Abstract (en)  
[origin: WO2017059519A1] A multi-implement tool comprises chuck having an implement receiving opening is rotatably mounted on a housing with a rotation-locking mechanism interposed therebetween. Implements are retained within the housing each for pivotal movement between an unaligned pivotal orientation whereat the shank of the implement is pivotally unaligned with an implement-receiving opening and an aligned pivotal orientation whereat the shank of the implement is pivotally aligned with the implement-receiving opening, and for longitudinal movement between a retracted position and an in-use position. A pivot -inducing deflector is disposed in laterally spaced relation from the pivot axis of the implement. As the implement is moved from its retracted position to its in-use position, deflection of the deflector receiving portion of the implement by the pivot-inducing deflector causes the implement to pivot from the unaligned pivotal orientation to the aligned pivotal orientation, to thereby permit the chuck to engage the implement in torque transmitting relation.

IPC 8 full level  
**B25F 1/04** (2006.01); **B25B 15/04** (2006.01); **B25G 1/08** (2006.01)

CPC (source: EP)  
**B25B 15/04** (2013.01); **B25F 1/04** (2013.01); **B25G 1/085** (2013.01)

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)  
**WO 2017059519 A1 20170413**; CA 2944086 A1 20170404; CN 108698216 A 20181023; CN 108698216 B 20210702; EP 3383588 A1 20181010; EP 3383588 A4 20191204; EP 3383588 B1 20230419

DOCDB simple family (application)  
**CA 2016000244 W 20161004**; CA 2944086 A 20161004; CN 201680071063 A 20161004; EP 16852922 A 20161004