

Title (en)

HYDRAULIC PRESS TOOL AND PORTABLE HYDRAULIC PRESS TOOL ASSEMBLY

Title (de)

HYDRAULISCHES PRESSWERKZEUG UND TRAGBARE HYDRAULISCHE PRESSWERKZEUGANORDNUNG

Title (fr)

OUTIL DE PRESSE HYDRAULIQUE ET ENSEMBLE OUTIL DE PRESSE HYDRAULIQUE PORTABLE

Publication

**EP 4245469 A1 20230920 (EN)**

Application

**EP 22315061 A 20220314**

Priority

EP 22315061 A 20220314

Abstract (en)

Hydraulic press tool (14) and hydraulic press tool assembly (10) comprising a hydraulic press tool (14) having a work unit (16) with a tool body (44), a handle (46) and a tool head (48) fitted to receive a die set (50) which can be displaced between an open and a closed position to operate a workpiece; a battery unit (18) comprising a battery support (22) and a battery; an electro-hydraulic pump unit (20) with an electro-hydraulic pump casing (32) fitting a reservoir (36) adapted to receive a hydraulic liquid and an electro-hydraulic pump (38) adapted to increase the pressure of a hydraulic liquid; wherein the electro-hydraulic pump unit (20) is powered by the battery unit (18), and wherein the work unit (16) is controlled by the electro-hydraulic pump unit (20). A high pressure hose (54) is provided between the work unit (44) and the electro-hydraulic pump unit (20) such that the work unit (44) is physically separate from the electro-hydraulic pump unit (20), and a power cable (28) is provided between the battery unit (18) and the electro-hydraulic pump unit (20) such that the battery unit (18) is physically separate from the electro-hydraulic pump unit (20).

IPC 8 full level

**B25G 1/02** (2006.01); **H01R 43/042** (2006.01)

CPC (source: EP)

**B25F 5/005** (2013.01); **H01R 43/0427** (2013.01)

Citation (applicant)

- EP 2626608 A1 20130814 - DUBUIS ET CIE S A S [FR]
- EP 3519123 A1 20190807 - APEX BRANDS INC [US]
- EP 3213880 A1 20170906 - CEMBRE SPA [IT]
- WO 2013143606 A1 20131003 - LUKAS HYDRAULIK GMBH [DE], et al
- EP 3166755 A1 20170517 - CEMBRE SPA [IT]

Citation (search report)

- [Y] IT 201800007471 A1 20200124
- [Y] EP 2181807 A2 20100505 - TYCO ELECTRONICS CORP [US]
- [A] GB 1075857 A 19670712 - BURNDIPT LTD

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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