

Title (en)
ELECTRO-HYDRAULIC PRESSING DEVICE

Title (de)
ELEKTROHYDRAULISCHES PRESSGERÄT

Title (fr)
DISPOSITIF DE SERRAGE ÉLECTROHYDRAULIQUE

Publication
EP 2643125 B1 20140514 (DE)

Application
EP 12778337 A 20121024

Priority
• DE 202011109251 U 20111217
• EP 2012071040 W 20121024

Abstract (en)
[origin: WO2013087279A1] An electro-hydraulic pressing device, which is particularly suitable for producing pipe joints by means of press fittings, has a pressure piston (18), which acts on pressing jaws (10). The pressure piston (18) divides a pressure piston chamber (30) into a pressure chamber (32) and a rear chamber (34). A hydraulic pump (38) for feeding hydraulic fluid from a reservoir (40) is connected to the pressure chamber (32). A balance piston (68) is arranged in the piston (18) in addition to an overpressure valve (54). Up until a cut-out pressure is reached, i.e. throughout the pressing process, the balance piston (68) closes a connection opening (72) and a return flow channel (74).

IPC 8 full level
B25B 27/10 (2006.01); **H01R 43/042** (2006.01)

CPC (source: EP US)
B25B 27/10 (2013.01 - EP US); **B25B 27/146** (2013.01 - US); **B25F 5/005** (2013.01 - US); **H01R 43/0428** (2013.01 - EP US)

Cited by
CN108746414A

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 202011109251 U1 20130318; AU 2012351079 A1 20140703; AU 2012351079 B2 20160519; EP 2643125 A1 20131002; EP 2643125 B1 20140514; US 2015000369 A1 20150101; US 9216501 B2 20151222; WO 2013087279 A1 20130620

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