

Title (en)
METHOD FOR PRODUCING A BIMETAL VALVE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES BIMETALLVENTILS

Title (fr)
PROCÉDÉ DE FABRICATION D'UNE SOUPEPE BIMÉTALLIQUE

Publication
EP 2310164 A1 20110420 (DE)

Application
EP 09777354 A 20090722

Priority
• EP 2009005307 W 20090722
• DE 102008037747 A 20080814

Abstract (en)
[origin: WO2010017879A1] The invention relates to a bimetal valve comprising a partial valve blank containing a shaft part (16), made of a first alloy, and a composite part that forms the valve plate (17) and is made of a second alloy of high quality,. Said bimetal valve is produced by binding the partial valve blank to the composite part in order to form a composite valve blank and then forging the composite valve blank to form a bimetal valve blank (15).

IPC 8 full level
B23P 15/00 (2006.01); **B21K 1/22** (2006.01); **B22D 19/00** (2006.01); **B23K 20/12** (2006.01); **F01L 3/02** (2006.01)

CPC (source: EP)
B21J 5/08 (2013.01); **B21K 1/22** (2013.01); **B22D 19/0027** (2013.01); **B22D 19/16** (2013.01); **B23P 15/002** (2013.01); **F01L 3/02** (2013.01); **F01L 3/04** (2013.01); **F01L 2301/00** (2020.05); **F01L 2303/00** (2020.05)

Citation (search report)
See references of WO 2010017879A1

Citation (examination)
• EP 0353480 A2 19900207 - T & N TECHNOLOGY LTD [GB], et al
• US 5240167 A 19930831 - FERTE JEAN-PIERRE [FR], et al
• DE 1937150 A1 19710204 - TRW INC

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008037747 A1 20100218; EP 2310164 A1 20110420; WO 2010017879 A1 20100218

DOCDB simple family (application)
DE 102008037747 A 20080814; EP 09777354 A 20090722; EP 2009005307 W 20090722