

Title (en)  
METHOD FOR PRODUCING AN INJECTOR BODY AND CORRESPONDING INJECTOR BODY

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES DÜSENKÖRPERS UND DÜSENKÖRPER

Title (fr)  
PROCEDE DE FABRICATION D'UN CORPS DE BUSE ET CORPS DE BUSE

Publication  
**EP 1846655 A1 20071024 (DE)**

Application  
**EP 06708068 A 20060207**

Priority  
• EP 2006050721 W 20060207  
• DE 102005005690 A 20050208

Abstract (en)  
[origin: WO2006084843A1] The invention relates to an injector body which comprises a first injector body element (1) and a second injector body element (3). The first injector body element (1) is provided with a first injector needle recess (10) accommodating an injector needle (15) and a first guide area (8) for the injector needle (15). In a first process step, the first injector body element (1) is assembled with the second injector body element (3). Brazing solder having a working temperature in the range of the tempering temperature of the first injector body element (1) is supplied to an assembly area (5). Said assembly area (5) is defined between the second injector body element (3) and the first injector body element (1). The assembled first injector body element (1) and second injector body element (3) is subjected to tempering during which the tempering temperature of the first injector body element (1) is reached.

IPC 8 full level  
**B23K 1/00** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP US)  
**C21D 1/78** (2013.01 - EP US); **F02M 61/12** (2013.01 - EP US); **F02M 61/166** (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US); **B23K 35/0244** (2013.01 - EP US); **B23K 2101/00** (2018.07 - EP US); **F02M 2200/8061** (2013.01 - EP US); **F02M 2200/8084** (2013.01 - EP US); **F02M 2200/9053** (2013.01 - EP US); **F02M 2200/9061** (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Citation (search report)  
See references of WO 2006084843A1

Citation (examination)  
US 2003057263 A1 20030327 - BEEDON KENT W [US], et al

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 2006084843 A1 20060817**; CN 101115920 A 20080130; DE 102005005690 B3 20060928; EP 1846655 A1 20071024; JP 2008530428 A 20080807; US 2008134488 A1 20080612; US 7793867 B2 20100914

DOCDB simple family (application)  
**EP 2006050721 W 20060207**; CN 200680004254 A 20060207; DE 102005005690 A 20050208; EP 06708068 A 20060207; JP 2007554545 A 20060207; US 81554806 A 20060207