

Title (en)
AN ULTRASONIC WELDING DEVICE

Title (de)
ULTRASCHALLSCHWEISSVORRICHTUNG

Title (fr)
DISPOSITIF DE SOUDAGE PAR ULTRASONS

Publication
EP 1758728 A1 20070307 (EN)

Application
EP 05740423 A 20050517

Priority
• IB 2005001451 W 20050517
• IT BO20040311 A 20040518

Abstract (en)
[origin: WO2005113218A1] An ultrasonic welding device (1) comprises a housing (2) fastened rigidly to an automatic machine, an ultrasonic welder (4) mounted to the housing (2), and a set of coil springs (5) installed between the housing (2) and the ultrasonic welder (4), by which the position of a welding tip (11) is adjusted automatically in relation to the surface being welded, so that the tip (11) can be maintained firmly in contact with the surface throughout the welding operation.

IPC 8 full level
B29C 65/00 (2006.01); **B29C 65/08** (2006.01); **B31B 3/00** (2006.01); **B31B 50/64** (2017.01); **B31B 1/64** (2006.01)

CPC (source: EP US)
B29C 65/08 (2013.01 - EP); **B29C 66/1122** (2013.01 - EP); **B29C 66/43121** (2013.01 - EP); **B29C 66/80** (2013.01 - EP);
B29C 66/81427 (2013.01 - EP); **B29C 66/8161** (2013.01 - EP); **B29C 66/81611** (2013.01 - EP); **B29C 66/8322** (2013.01 - EP);
B31B 50/64 (2017.07 - EP US); **B29C 66/4322** (2013.01 - EP); **B29C 66/4326** (2013.01 - EP); **B29C 66/8242** (2013.01 - EP);
B29C 66/851 (2013.01 - EP)

Citation (search report)
See references of WO 2005113218A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005113218 A1 20051201; EP 1758728 A1 20070307; IT BO20040311 A1 20040818

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IB 2005001451 W 20050517; EP 05740423 A 20050517; IT BO20040311 A 20040518