

Title (en)

PUNCH DEVICE FOR U-PRESS IN UOE STEEL TUBE MANUFACTURING PROCESS

Title (de)

STANZVORRICHTUNG FÜR U-PRESSE BEI EINEM VERFAHREN ZUR HERSTELLUNG VON UOE-STAHLSROHREN

Title (fr)

DISPOSITIF DE POINCONNAGE POUR PRESSE EN U DANS UN PROCEDE DE FABRICATION DE TUBES EN ACIER UOE

Publication

EP 1792669 B1 20110525 (EN)

Application

EP 05730463 A 20050414

Priority

- JP 2005007219 W 20050414
- JP 2004125470 A 20040421

Abstract (en)

[origin: EP1792669A1] The present invention provides a punch device for U-press in a UOE steel pipe manufacturing process capable of coping with various manufacturing pipe sizes and reducing the width of a U-shaped pipe after U-press less than that by a conventional punch device for U-press. The punch device (100) used in the UOE steel pipe manufacturing process comprises a first punch part (10) having semi-cylindrical press faces (11), (11) on both side-faces, a second punch part (20) disposed in contact with the lower side of the first punch part (10) and having semi-cylindrical press faces (21), (21), which are the same as or different from the press faces (11), on both side-faces, and a third punch part (30) disposed in contact with the lower side of the second punch part (20) and having a downward semi-cylindrical press face (31).

IPC 8 full level

B21D 5/01 (2006.01); **B21C 37/08** (2006.01)

CPC (source: EP)

B21C 37/0815 (2013.01); **B21D 5/01** (2013.01)

Cited by

US11633770B2

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)

EP 1792669 A1 20070606; **EP 1792669 A4 20071128**; **EP 1792669 B1 20110525**; AT E510637 T1 20110615; CN 100415401 C 20080903; CN 1942261 A 20070404; JP 2005305501 A 20051104; JP 4479327 B2 20100609; WO 2005102549 A1 20051103

DOCDB simple family (application)

EP 05730463 A 20050414; AT 05730463 T 20050414; CN 200580011766 A 20050414; JP 2004125470 A 20040421; JP 2005007219 W 20050414