

Title (en)

METHOD AND DEVICE FOR RESHAPING TUBES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM UMFORMEN VON ROHREN

Title (fr)

PROCEDE ET DISPOSITIF POUR MODIFIER LA FORME DE TUBES

Publication

EP 1446245 A1 20040818 (DE)

Application

EP 02787390 A 20021119

Priority

- DE 0204310 W 20021119
- DE 10156978 A 20011121
- DE 10241641 A 20020905

Abstract (en)

[origin: US2005000259A1] The present invention concerns a method and a device for reshaping a tube which is mounted between two axially movable pressure rams and which has an initial outside diameter, an initial wall thickness, and an initial length by means of hydraulic pressure produced inside the tube to obtain a finished tube with a different outside diameter or different length, and/or a different wall thickness compared to the initial tube.

IPC 1-7

B21D 26/02

IPC 8 full level

B21D 26/041 (2011.01); **B21D 26/043** (2011.01)

CPC (source: EP US)

B21D 26/041 (2013.01 - EP US); **B21D 26/043** (2013.01 - EP US); **B21D 39/08** (2013.01 - EP US); **Y10T 29/49805** (2015.01 - EP US)

Citation (search report)

See references of WO 03045604A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

US 2005000259 A1 20050106; **US 7251972 B2 20070807**; AT E319526 T1 20060315; AU 2002351694 A1 20030610; DE 50206047 D1 20060504; EP 1446245 A1 20040818; EP 1446245 B1 20060308; ES 2256572 T3 20060716; JP 2005510363 A 20050421; WO 03045604 A1 20030605

DOCDB simple family (application)

US 49624004 A 20040521; AT 02787390 T 20021119; AU 2002351694 A 20021119; DE 0204310 W 20021119; DE 50206047 T 20021119; EP 02787390 A 20021119; ES 02787390 T 20021119; JP 2003547094 A 20021119