

Title (en)

APPARATUS FOR COLD SWAGING A PIPE END

Publication

EP 0300318 B1 19911002 (DE)

Application

EP 88111065 A 19880711

Priority

DE 3724309 A 19870722

Abstract (en)

[origin: EP0300318A1] Arranged on a clamping body (2) are an annular body (11) having a plurality of jaws (8), extending on the outside over that region of the tube (1) which is to be swaged, and an inner tool determining the desired inner profile of the tube. The annular body (11) has inwardly open blind holes which serve as cylinders (10), are arranged in a star pattern and into which pistons (9) connected to the jaws (8) are inserted, it being possible to move the pistons radially towards the centre by means of a pressure fluid. The inner tool, which is designed as a stop ring (6), has individual stops which are formed by stop heads (3) with threaded shanks (4), which are screwed in radially adjustable fashion into radial threaded bores (5) of the stop ring (6) and, at the end of the shank, have means (7) for turning the threaded shank (4). <IMAGE>

IPC 1-7

B21D 41/04

IPC 8 full level

B21D 41/04 (2006.01); **B21D 39/04** (2006.01)

CPC (source: EP US)

B21D 39/046 (2013.01 - EP US)

Cited by

KR100396186B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0300318 A1 19890125; EP 0300318 B1 19911002; AT E67942 T1 19911015; DE 3865262 D1 19911107; FI 880529 A0 19880205; FI 880529 A 19890123; JP S6440124 A 19890210; NO 883273 D0 19880722; NO 883273 L 19890123; US 4899571 A 19900213

DOCDB simple family (application)

EP 88111065 A 19880711; AT 88111065 T 19880711; DE 3865262 T 19880711; FI 880529 A 19880205; JP 17889788 A 19880718; NO 883273 A 19880722; US 22227088 A 19880721