

Title (en)
Method for the connection of pipes and device for carrying out the same

Title (de)
Rohrverbindungsverfahren und Vorrichtung zur Durchführung des Verfahrens

Title (fr)
Méthode pour le raccordement de tuyaux et dispositif pour sa mise an oeuvre

Publication
EP 0930479 A2 19990721 (DE)

Application
EP 99100560 A 19990113

Priority
DE 19800910 A 19980114

Abstract (en)
The tube connecting process provides a temporary connection between a tube and the boring of a plate. The tube is fixed with the end freely projecting. The plate is mounted on the tube by its boring. Sectors of the tube end are widened radially while stamping the material of tube and plate and the tube outer surface and inner wall of the boring in the plate. An Independent claim is also included for the device used for the tube connecting process including a fixing device (4) and a clamping device (6), between which the end of the tube (1) and the plate (3) are fixed. A tool holder (17) can move the tube end axially.

Abstract (de)
Es wird ein Verfahren und eine Vorrichtung zur Durchführung des Verfahrens vorgeschlagen, um das freie Ende eines Rohres (1) mit einer Platte (3) vorläufig zu verbinden, in dem das Rohrende in eine Bohrung (2) der Platte (3) gesteckt und danach aufgeweitet wird. <IMAGE>

IPC 1-7
F28F 9/16; F16L 23/024; B21D 39/06; B21D 24/10

IPC 8 full level
B21D 39/06 (2006.01)

CPC (source: EP)
B21D 39/06 (2013.01)

Designated contracting state (EPC)
AT ES FR GB IT NL PT SE

DOCDB simple family (publication)
EP 0930479 A2 19990721; **EP 0930479 A3 20000705**; **EP 0930479 B1 20030409**; AT E237114 T1 20030415; DE 19800910 A1 19990715

DOCDB simple family (application)
EP 99100560 A 19990113; AT 99100560 T 19990113; DE 19800910 A 19980114