

Title (en)

Adjustable tongs for forming pipes

Title (de)

Justierbare Klemmvorrichtung zum Formen von Rohren

Title (fr)

Dispositif de serrage réglable pour le formage des tubes

Publication

EP 1574269 A1 20050914 (EN)

Application

EP 04380059 A 20040312

Priority

EP 04380059 A 20040312

Abstract (en)

Adjustable tongs (1) for forming pipes (2), including polygonal-shaped clamps (130, 230) with a plurality of housings (150, 250) configured for adjusting to a diameter of the pipe (2) to be formed. The tongs are provided with opening and closing means configured for allowing the introduction of a pipe between the clamps (130, 230) and allowing encircling the pipe in a housing constituted of two housings (150, 250) in respective opposite faces of the clamps (130, 230). <??>The tongs also include a forming element (310) for forming the pipe according to a frusto-conical shape of the forming element (310). The clamps (130, 230) are pivotable about shafts (3110, 3210) for choosing and bringing face to face, selectively, tow housings (150, 250) with dimensions corresponding to the diameter of the pipe to be formed. The clamps (130, 230) comprise a plurality of plates (160, 260) overlaid and joined to one another to define a polygonal outer profile of the clamps (130, 230) and a plurality of grooves (170, 270) in each housing (150, 250). <IMAGE>

IPC 1-7

B21D 41/02

IPC 8 full level

B21D 41/02 (2006.01)

CPC (source: EP)

B21D 41/02 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1574269 A1 20050914

DOCDB simple family (application)

EP 04380059 A 20040312