

Title (en)
APPARATUS AND METHOD FOR BENDING TUBULAR COMPONENTS

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ROHRBIEGEN

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR CINTRER DES ÉLÉMENTS TUBULAIRES

Publication
EP 2982455 A1 20160210 (EN)

Application
EP 15179891 A 20150805

Priority
IT PD20140217 A 20140805

Abstract (en)
An apparatus (100) for bending tubular components (T) comprises a support base (101), first and second retaining means (1, 2) of the tubular component (T) capable of retaining the tubular component (T). The first retaining means (1) are supported on the base (101). The apparatus further comprises a rotary support portion (102) connected to the base (101) in a rotary manner about a bending axis (Z). The second retaining means (2) are supported on the rotary support portion (102). The apparatus (100) further comprises an articulated core(3) which may be inserted inside the tubular component (T), may be bent at least about a bending axis (Z) and may move with respect to the base (101) along rectilinear guide means (4) in a controlled manner coordinated with a movement of rotation of the rotary support portion (102). The second retaining means (2) comprise an abutment edge (20) capable of abutting against a bent end (T') of the tubular component (T) so as to prevent axial movements of the tubular component (T) extracting it from the second retaining means (2).

IPC 8 full level
B21D 9/01 (2006.01); **B21D 9/07** (2006.01)

CPC (source: EP)
B21D 9/01 (2013.01); **B21D 9/073** (2013.01)

Citation (applicant)
• US 2006201219 A1 20060914 - HACKER FRANK [DE], et al
• DE 102011000845 A1 20120823 - MAG IAS GMBH [DE]
• US 6155091 A 20001205 - HAYES JEFFREY P [US], et al
• US 2004011106 A1 20040122 - HATANO YASUJI [JP]
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Citation (search report)
• [XA] DE 102011000845 A1 20120823 - MAG IAS GMBH [DE]
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Cited by
CN116371985A; CN107350388A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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