

Title (en)

Method of making a hole in a tube by fluo-drilling

Title (de)

Verfahren zum Bilden eines Loches in einem Rohr durch Fließbohren

Title (fr)

Procédé de réalisation de trou sur un tube par fluoperçage

Publication

EP 1364724 B1 20111102 (FR)

Application

EP 03291211 A 20030522

Priority

FR 0206232 A 20020522

Abstract (en)

[origin: EP1364724A1] Prior to creep drilling a flat end or recess (2) is made in the tube (1) to form a small plane surface (3) edged by sloping walls (4). Before drilling a washer is placed in the recess. By means of friction and the high temperature due to the creep drilling the washer is welded to the tube and a part of its material serves to develop by creep the bushing and the flange.

IPC 8 full level

B21C 37/29 (2006.01)

CPC (source: EP)

B21C 37/298 (2013.01); **B21J 5/066** (2013.01)

Cited by

WO2010031450A1; DE102007042281A1; EP2034150A1

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DOCDB simple family (publication)

EP 1364724 A1 20031126; EP 1364724 B1 20111102; ES 2371222 T3 20111228; FR 2839908 A1 20031128; FR 2839908 B1 20041112

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