

Title (en)

METHOD OF MAKING EXTRUDED T- AND L-SHAPED FITTINGS OF LOW-CARBON STEEL FOR PLATE RADIATORS

Publication

**EP 0166796 B1 19890419 (DE)**

Application

**EP 84107682 A 19840703**

Priority

EP 84107682 A 19840703

Abstract (en)

[origin: EP0166796A1] 1. Method of making a fitting (22', 30') with L-shaped passage for connection with a plane surface having a fitting aperture (21') extending in L-shape thereto, a main part thereof (30') being extruded, characterized in that the prepared solid wire (1') of the fitting (30') to be formed with L-shaped passage is precupped unilaterally over a third to half of its length (3) to a remaining volume (12'), that the cupped L-shaped part is placed into a multipart tool surrounding its fitting end in a shape holding and, for the area of the branched off fitting aperture (21'), shaping manner, that the volume of material (12') remained in the terminal area is further displaced until two parallel plane surfaces adjacent the half diameter and a third surface extending rectangularly thereto over the entire diameter as a limiting fitting surface (19') are formed, that a fitting (22') is welded to the fitting surface (19') and subsequently the fitting surface (19') is opened to the inner space (14').

IPC 1-7

**B21K 1/14**

IPC 8 full level

**B21K 1/14** (2006.01)

CPC (source: EP)

**B21K 1/14** (2013.01)

Cited by

DE102009003198A1; EP1249285A3; CN1055647C; WO9505908A1; DE202011109189U1; EP2607798A2; DE202010005456U1; EP0173785B1

Designated contracting state (EPC)

BE DE FR IT

DOCDB simple family (publication)

**EP 0166796 A1 19860108; EP 0166796 B1 19890419; DE 3477747 D1 19890524**

DOCDB simple family (application)

**EP 84107682 A 19840703; DE 3477747 T 19840703**