

Title (en)
METHOD FOR MACHINING METAL CONDUITS TO FORM A V-SHAPED PROFILED SECTION ON PIPELINE METAL PIPES; METAL CONDUIT;
WELDING METHOD COMBINING IN A COMMON LASER FUSION BATH AND ELECTRIC ARC FOR ASSEMBLING SAID CONDUITS

Title (de)
VERFAHREN ZUR MASCHINELLEN BEARBEITUNG VON METALLLEITUNGEN ZUR BILDUNG EINES V-FÖRMIGEN PROFILS
AN ROHRLEITUNGSROHREN AUS METALL, METALLLEITUNG, SCHWEISSVERFAHREN UNTER KOMBINIERUNG EINES
LASERSCHMELZBADS MIT EINEM ELEKTRISCHEN LICHTBOGEN ZUM ZUSAMMENBAU DER LEITUNGEN

Title (fr)
PROCEDE D'USINAGE DE CONDUITS METALLIQUES DESTINE A FORMER UN PROFIL EN V SUR DES CONDUITS METALLIQUES DU TYPE
PIPELINE ; CONDUIT METALLIQUE ; PROCEDE DE SOUDAGE COMBINAT DANS UN MEME BAIN DE FUSION LASER ET ARC ELECTRIQUE
POUR ASSEMBLER DE TELS CONDUITS

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Application
EP 06764726 A 20060602

Priority

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Abstract (en)
[origin: WO2006129025A1] The invention concerns a method for machining the ends of a metal conduit (1) for forming, when it is abutted with identical conduits, a pipeline pipe, to form at the plane of the parting line (3) with another identical conduit a V-shaped bevel. The invention is characterized in that it consists in cutting the ends of the conduit so that the profile of each end has at least one first cross-section, at the inner edge, designed to constitute part of the root face of the V-shaped bevel and an arc-shaped section linking said cross-section of the profile to a rectilinear section (5) inclined relative to the cross-section of said profile, at the outer edge of the tubular part. The invention is applicable to metal conduits, in particular for pipelines.

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