

Title (en)

METHOD AND APPARATUS FOR PRODUCING PIPE SECTIONS USING A LASER BEAM MOVABLE BY A SCANNING DEVICE, AND CORRESPONDING PIPE SECTION

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON ROHRABSCHNITTEN UNTER VERWENDUNG EINES DURCH EINE SCANEINRICHTUNG BEWEGBAREN LASERSTRAHLES; ENTSPRECHENDER ROHRABSCHNITT

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FABRIQUER DES SECTIONS DE TUBE EN UTILISANT UN FAISCEAU LASER MÛ PAR UN DISPOSITIF DE BALAYAGE; SECTION DE TUBE CORRESPONDANTE

Publication

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Application

EP 09760460 A 20091130

Priority

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Abstract (en)

[origin: WO2010063132A1] When severing pipe sections (5) from a pipe (4) that is continuously produced, a closed separating line (16) is formed around the section axis (15) along the pipe circumference, said axis being disposed by a section length from the free pipe end. In order to sever a pipe section (5), a laser beam (17) generated by a laser scanning device (18) is deflected along the entire circumference of the pipe (4) being produced to the separating line, always transversely to the section axis (15), such that a substantially focused contact region of the laser beam (17a) on the pipe (4) being produced is guided completely along the closed separating line (16) and, in the process, the pipe section (5) is severed from the pipe (4) being produced.

IPC 8 full level

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CPC (source: EP US)

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