

Title (en)

Method for producing a tubular metal body with an integrated heat-exchanging device in its wall

Title (de)

Verfahren zur Herstellung eines Rohrförmigen Metallkörpers mit in den Mantel integrierter Wärmetauscherleitung

Title (fr)

Procédé de fabrication d'un pièce tubulaire en métal incorporant un échangeur thermique dans la gaine

Publication

EP 1657010 A1 20060517 (DE)

Application

EP 04405696 A 20041111

Priority

EP 04405696 A 20041111

Abstract (en)

The production of a tubular metallic component with a mantle comprises locating an inner pipe (7) in an outer pipe (11) to form an intermediate chamber. At least one pipe (1) is located in the intermediate chamber. The open surfaces of the intermediate chamber are closed using plate elements (9, 10), and the chamber is filled with metal powder. The capsule formed is hot isostatically pressed to convert the powder into a massive metal member.

IPC 8 full level

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CPC (source: EP)

B22F 5/10 (2013.01); **B22F 5/106** (2013.01); **B22F 2005/004** (2013.01); **B22F 2998/10** (2013.01)

Citation (search report)

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