

Title (en)

Wear resistant pipe of tubular shape and casting process for manufacture thereof

Title (de)

Schleiffestes Rohr aus Metall und Verfahren zu seiner Herstellung

Title (fr)

Pièce métallique résistante à l'usure de forme tubulaire, et procédé de fabrication par coulée d'une telle pièce.

Publication

**EP 1704948 B1 20080416 (FR)**

Application

**EP 06111618 A 20060323**

Priority

FR 0502917 A 20050324

Abstract (en)

[origin: EP1704948A1] The tubular component, e.g. part of a pipe, has an inner wall (1) at least 20 mm thick of an abrasion resistant metal, and an outer wall (2) of a second metal that is resistant to mechanical stresses and shocks. The inner and outer walls, made from chrome and low carbon steels respectively, are in intimate contact but without bonding or metallurgical interaction, produced by casting the outer wall round the prefabricated inner one, which is subjected to thermal treatment to reduce its hardness.

IPC 8 full level

**B22D 19/16** (2006.01)

CPC (source: EP)

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Cited by

JP6201074B1; WO2009047720A1

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