

Title (en)
SHELL OR TUBULAR OBJECT AND METHOD TO MANUFACTURE THE SAME

Publication
EP 0191008 B1 19890315 (EN)

Application
EP 86850030 A 19860131

Priority
SE 8500473 A 19850201

Abstract (en)
[origin: EP0191008A1] A shell or tubular object, particularly having a complicated configuration, said object having an internal surface layer of a thermally sprayed, high temperature and corrosion resistant metal alloy and being intended to be incorporated in a machine or the like, especially in a combustion engine. When manufacturing the object, a relatively thin and essentially pore-free layer (2) is first sprayed onto a core body (1). Then, the core body (1) consisting of e.g. molding sand, is removed, whereupon a second layer (3) is sprayed onto the external surface of the first layer. The second layer (3) may have a substantially greater thickness without any risk for crack formation. The first, thinner layer (2) forms the internal surface layer of the object.

IPC 1-7
B22D 23/00

IPC 8 full level
B22D 23/00 (2006.01)

CPC (source: EP)
B22D 23/003 (2013.01)

Cited by
US2024091849A1; EP0574141A1; US5376462A; US6250362B1; WO0056481A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0191008 A1 19860813; EP 0191008 B1 19890315; DE 3662340 D1 19890420; SE 452859 B 19871221; SE 8500473 D0 19850201; SE 8500473 L 19860802

DOCDB simple family (application)
EP 86850030 A 19860131; DE 3662340 T 19860131; SE 8500473 A 19850201