

Title (en)

A method of forming a one piece article comprising a body of base metal having one or more smaller bodies of another material anchored thereto.

Title (de)

Verfahren zum Formen eines einstückigen Gegenstandes, der einen Grundmetallkörper enthält mit darin verankert einem oder mehreren kleineren Körpern aus einem anderen Material.

Title (fr)

Procédé de moulage d'un objet d'une pièce constitué d'un corps de métal de base et d'un ou de plusieurs corps plus petits d'un autre matériau qui y sont ancrés.

Publication

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Application

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Priority

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Abstract (en)

There is disclosed a method wherein a pattern (12) is formed comprising a body (12A) of consumable material having an exterior configuration conforming to that of the body of the base metal and having the smaller bodies supported thereby in positions corresponding to those which they are to occupy on the body of base metal, then confining the pattern within a mold, and pouring molten base metal into an opening (15) in the mold which leads to the body (12A) of consumable material in order to cast the body of base metal and bond the smaller bodies to it.

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Citation (search report)

- [A] DE 1433954 B2 19710218
- [A] DE 7220947 U
- [A] US 3695340 A 19721003 - GROSS JEROME A
- [A] US 3635280 A 19720118 - PARSONS JOHN T
- [AD] US 2830343 A 19580415 - SHROYER HAROLD F

Cited by

CN101954457A; EP0421374A3; EP0138155A3; GB2246972A; US4715422A; CN108453243A; WO9707913A1; WO2010058074A3

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