

Title (en)

Process for fabrication of a bimetallic casting and a wear resisting part according to said process.

Title (de)

Verfahren zur Herstellung eines bimetalischen Gussstückes und Verschleisteil nach diesem Verfahren.

Title (fr)

Procédé de fabrication d'une pièce de fonderie bimétallique et pièce d'usure réalisée par ce procédé.

Publication

**EP 0476496 A1 19920325 (FR)**

Application

**EP 91115332 A 19910911**

Priority

BE 9000895 A 19900920

Abstract (en)

The process consists in casting an insert in a first mould, in arranging the insert thus cast in a second mould and in casting the part in this second mould around the insert, so as to form a mechanical link between the two castings. The wear-resisting part thus cast advantageously comprises an insert with a high resistance to wear, whilst the rest of the part is made from a more ductile material which is resistant to mechanical stresses. Application to grinding rollers and to hammer mill hog plates. <IMAGE>

Abstract (fr)

Le procédé consiste à couler un insert dans un premier moule, à disposer l'insert ainsi coulé dans un second moule et à couler la pièce dans ce second moule autour de l'insert de manière à former une liaison mécanique entre les deux coulées. La pièce d'usure ainsi coulée comporte avantageusement un insert à haute résistance à l'usure tandis que le reste de la pièce est en un matériau plus ductile résistant aux sollicitations mécaniques. Application aux galets de broyage et aux marteaux de broyeurs. <IMAGE>

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Citation (search report)

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