

Title (en)

METHOD AND DEVICE FOR FORMING A METAL SHEATH ON AN ELONGATE CORE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM GIESSEN EINER METALLISCHEN HÜLLE AUF EINER SEELE

Title (fr)

PROCEDE ET DISPOSITIF DE REALISATION D'UNE ENVELOPPE METALLIQUE SUR UNE AME DE FORME ALLONGEE

Publication

EP 0693011 A1 19960124 (FR)

Application

EP 94912583 A 19940401

Priority

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- FR 9303927 A 19930402

Abstract (en)

[origin: WO9422619A1] A method for forming a metal sheath (2) on an elongate core (1) having a different metallurgical composition from that of said sheath (2). According to the method, the core (1) is moved through a casting mould (10) by imparting a continuous vertical oscillatory motion combined with a vertical downward movement of the core (1), a molten filler metal (5) is cast in the mould (5) and covered with electrically conductive slag (7), the electrically conductive slag (7) is heated to a temperature of over 1450 DEG C, said electrically conductive slag (7) is rotated about the core (1), and the lower portion of the mould (10) is cooled to solidify the filler metal (5). A device for carrying out the method is also disclosed.

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Citation (search report)

See references of WO 9422619A1

Citation (third parties)

Third party :

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WO 9422619 A1 19941013; AT E156398 T1 19970815; DE 69404832 D1 19970911; DE 69404832 T2 19980122; EP 0693011 A1 19960124; EP 0693011 B1 19970806; ES 2106526 T3 19971101; FR 2703278 A1 19941007; FR 2703278 B1 19950707

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