

Title (en)
METHOD AND DEVICE FOR MANUFACTURING A BI-MATERIAL FERRULE AND FERRULE THUS PRODUCED

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER HÜLSE AUS ZWEI MATERIALIEN UND AUF DIESE WEISE HERGESTELLTE HÜLLE

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR LA FABRICATION D'UNE VIROLE BI-MATÉRIAUX, ET VIROLE AINSI RÉALISÉE.

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Application
EP 11719324 A 20110401

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Abstract (en)
[origin: WO2011121251A1] The invention relates to a method for manufacturing a bi-material ferrule, consisting of an outer annular ferrule (17) and an inner annular ferrule bonded together; the bottom pouring of the outer ferrule (17) is carried out in a casting space (7) defined by a wall of a first ingot mould and by an upwardly movable outer wall (8) of a second ingot mould that is concentric to the former; said movable wall (8) of the second ingot mould is raised such as to uncover the skin of the outer ferrule (17) which is solidified thereagainst; bottom pouring and solidification of the inner ferrule are carried out in a casting space defined by said skin and a stationary inner wall (9) of said second ingot mould, the bonding of the two ferrules being carried out by diffusion between said ferrules; and forging and/or one of said bonded ferrules is optionally carried out. The invention also relates to a device for using said method and to a ferrule thus produced.

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