

Title (en)

METHOD FOR PREPARING SHOT FLOWING PIPE OF COMPOSITE SHOT BLASTING MACHINE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES STRAHLSTRÖMUNGSROHRS EINER KOMPOSITKUGELSTRAHLMASCHINE

Title (fr)

PROCÉDÉ DE PRÉPARATION DE TUBE D'ÉCOULEMENT DE GRENAILLE POUR UNE MACHINE DE GRENAILLAGE COMPOSITE

Publication

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Application

EP 15909578 A 20151209

Priority

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Abstract (en)

The present invention relates to the technical field of a spout of a SBM, in particular to the preparation method of a composite spout of a SBM. Raw materials comprise according to a mass ratio: - 80-85 parts of silicon nitride powder - 5-10 parts of boron nitride nanotube powder - 4-6 parts of aluminum oxide powder - 3-5 parts of yttrium oxide powder The method for preparing the spout of the SBM by the materials comprises of the following steps: - raw material preparation - raw material mixing - slurry preparation - grouting molding - drying demoulding vacuum sintering - composite casting. The materials according to the present invention have excellent mechanical and tribology performance, the resultingspoutof the SMBis: - extremely hard - extremely durable - extremely wear resistant The production method of the spout for the SBM has the advantages of: - simple manufacturing process - convenient equipment requirements - short production time - is in line with current production company operations

IPC 8 full level

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