

ABSTRACT**METHOD FOR THE SELECTIVE EXTRACTION OF BORON BY MEANS OF AN ORGANIC SOLVENT FROM SOLUTIONS DERIVED FROM THE ACID ATTACK ON PERMANENT MAGNETS COMPRISING RARE EARTHS**

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This method for extracting boron contained in an aqueous solution A1 comprising rare earth elements consists in bringing into contact and mixing said aqueous solution A1, resulting from the dissolution of a powder of NdFeB magnets or of machining scrap resulting from the manufacturing of permanent magnets, with an organic solvent, said organic solvent comprising at least one extraction compound formed of an alcohol, comprising a chain of from 6 to 18 carbon atoms, aliphatic or aromatic, linear or branched, The contacting and the mixing of aqueous solution A1 and of the organic solvent causing the transfer of boron from said aqueous solution A1 to said organic solvent.

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