

Title (en)

PROCESS FOR PRODUCING SOLID PARTICLES, SOLID PARTICLES AND USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FESTSTOFFPARTIKELN, FESTSTOFFPARTIKEL SOWIE DEREN VERWENDUNG

Title (fr)

PROCÉDÉ DE PRODUCTION DE PARTICULES SOLIDES, PARTICULES SOLIDES ET LEUR UTILISATION

Publication

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Application

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Priority

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- EP 2020054561 W 20200220

Abstract (en)

[origin: WO2020169777A1] The invention relates to a process for producing solid particles made of an inorganic solid containing at least one alkali metal and/or alkaline earth metal, comprising at least the following steps: a) providing the inorganic solid containing at least one alkali metal and/or alkaline earth metal; b) extracting the at least one alkali metal and/or alkaline earth metal from the inorganic solid containing alkali metal and/or alkaline earth metal to obtain an extract containing the alkali metal and/or alkaline earth metal and a residue depleted in alkali metal and/or alkaline earth metal; c) separating the extract from the residue; d) working up the residue to obtain the solid particles, wherein at least one of the workup steps is selected from a group which comprises transporting, filling, packaging, washing, drying, pH-adjusting, separating by average particle size and/or mass and/or density, establishing an average particle size, magnetic separation, calcination, thermal rounding and surface coating.

IPC 8 full level

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See references of WO 2020169777A1

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