

Title (en)

METHOD FOR PRODUCING A HIGHLY PURE QUARTZ GRANULATE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES HOCHREINEN QUARZ-GRANULATES

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN GRANULAT DE QUARTZ DE GRANDE PURETÉ

Publication

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Application

EP 10730423 A 20100629

Priority

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Abstract (en)

[origin: WO2011003777A1] The invention relates to a method for producing a highly pure quartz granulate. The aim of the invention is to provide a method by means of which a highly pure quartz granulate can be produced from a natural quartz raw material. According to the invention, this aim is achieved by a method in which the following process steps are performed: - washing a natural quartz raw material in the form of coarsely crushed pieces, - mechanical comminution of the pre-crushed pieces, - further comminution of the pieces to a grain size of less than 0.5 mm by means of high-voltage discharge pulses, - flotation for separating out foreign minerals, and # chemical treatment for further depletion of foreign elements.

IPC 8 full level

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