

Title (en)

METHOD AND DEVICE FOR PRODUCING SOLID CARBON DIOXIDE PARTICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN FESTER KOHLENDIOXID-PARTIKEL

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PRODUCTION DE PARTICULES DE DIOXYDE DE CARBONE SOLIDES

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Application

EP 10749872 A 20100907

Priority

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Abstract (en)

[origin: WO2011029825A2] The invention relates to a method for producing solid carbon dioxide particles, wherein liquid carbon dioxide is brought into thermal contact with a coolant in a heat exchanger and is cooled to a temperature just above the solidification temperature thereof. The cooled liquid carbon dioxide is subsequently guided in a nozzle assembly cooled by contact with a coolant, in which it is cooled further by thermal contact with said nozzle assembly before it escapes from an opening of said assembly. Said thus produced cold-solidified carbon dioxide particles have a higher resistance than the conventionally produced CO₂-particles.

IPC 8 full level

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