

Title (en)

ZIRCONIA IN FINE POWDER FORM, ZIRCONIA HYDROXYCARBONATE AND METHODS FOR PREPARING SAME

Title (de)

FEINES ZIRKONDIOXIDPULVER, ZIRKONHYDROXYCARBONAT UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

ZIRCONE SOUS FORME DE POUDRE FINE, HYDROXYCARBONATE DE ZIRCONIUM ET LEURS PROCEDES DE PREPARATION

Publication

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Application

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Abstract (en)

[origin: WO0212123A1] The invention concerns a zirconia in fine powder form, a zirconia hydroxycarbonate and their methods of preparation. The zirconia has a chlorine content of more than 300 ppm and a sulphur content of more than 30 ppm and is in the form of a powder consisting of medium-size agglomerates of at least 1.5 μm capable of being broken down into medium-size aggregates ranging between 0.1 μm and 0.6 μm . The zirconia hydroxycarbonate has the same chlorine and sulphur contents and is capable of resulting, after calcination, in a zirconia having the above-mentioned characteristics. The inventive zirconia can be used in particular in the manufacture of condensers of oxygen probes or for preparing catalysts.

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See references of WO 0212123A1

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