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(54) Title: PROCESS FOR THE PRODUCTION OF TITANIUM DIOXIDE, AND TITANIUM DIOXIDE OBTAINED THEREBY

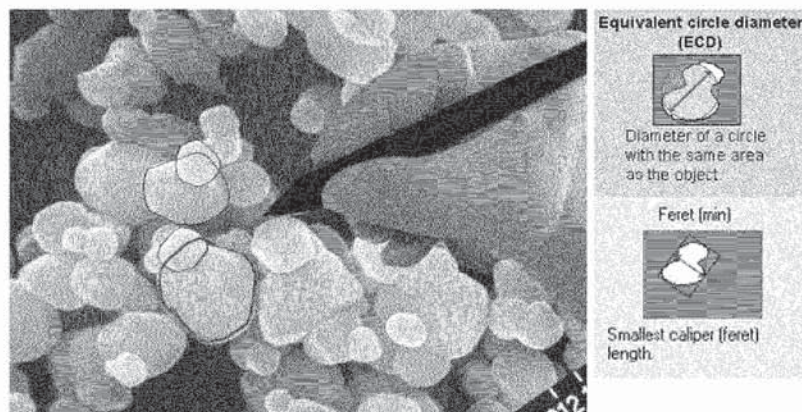


Fig. 1

(57) Abstract: The invention concerns a process for the production of titanium dioxide having: - a TiO₂ content of 99% by weight, - an anatase content of at least 98%, - a primary crystallite size of at least 200 nm, - a numerical fraction of at most 10% of crystallites with a size of less than 100 nm, - a BET specific surface area of at most 8 m²/g, - 1200 to 2400 ppm of alkali (with respect to the quantity of TiO₂), - an Al content of at least 1 ppm and at most 1000 ppm (expressed as Al and with respect to the quantity of TiO₂), - a weight ratio of Al₂O₃ to Nb₂O₅ in the range 0.17 to 0.74, and - at least 0.1% by weight and at most 0.3% by weight of P (expressed as phosphorus and with respect to the quantity of TiO₂), as well as the titanium dioxide obtained by this process.

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1. The following indications appeared on record concerning: ☒ the applicant ☐ the inventor ☐ the agent ☐ the common representative		
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2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning: ☐ the person ☒ the name ☐ the address ☐ the nationality ☐ the residence		
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3. Further observations, if necessary:		
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