

Title (en)

RARE EARTH PEROVSKITE COLLOIDAL DISPERSION AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

KOLLOIDALE SELTENER ERDMETALLPEROWSKITDISPERSION UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

DISPERSION COLLOIDALE D'UNE PEROVSKITE DE TERRE RARE ET SON PROCEDE DE PREPARATION

Publication

**EP 1638679 A2 20060329 (FR)**

Application

**EP 04742768 A 20040518**

Priority

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- FR 0306046 A 20030520

Abstract (en)

[origin: FR2855073A1] Preparation of a colloidal dispersion of a rare earth compound of a perovskite structure comprising a bimetallic oxide, the dispersant being water, an organic solvent or a combination of water and an organic solvent. The colloid is of a perovskite structure of formula (1):  $\text{LnBO}_3$ : (1) Ln : rare earth other than Ce alone; B : an element from groups comprising elements of atomic number 22 - 31, 40 - 51, 73 - 83 and Al. Independent claims are also included for the preparation of the dispersions and a solid composition obtained from the dispersion.

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**B01J 13/00**

IPC 8 full level

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CPC (source: EP)

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C-Set (source: EP)

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