

Title (en)

COMPOSITION CONTAINING A CORE/SHELL CERIUM AND/OR TERBIUM PHOSPHATE, PHOSPHOR FROM SAID COMPOSITION, AND METHODS FOR PREPARING SAME

Title (de)

ZUSAMMENSETZUNG MIT EINEM KERNMANTEL CER- UND/ODER TERBIUMPHOSPHAT, LEUCHTSTOFF DARAUS SOWIE VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

COMPOSITION COMPRENANT UN PHOSPHATE DE CERIUM ET/OU DE TERBIUM, DE TYPE COEUR/COQUILLE, LUMINOPHORE ISSU DE CETTE COMPOSITION ET LEURS PROCEDES DE PREPARATION

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Application

EP 10709728 A 20100319

Priority

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Abstract (en)

[origin: WO2010108860A1] The composition of the invention contains particles consisting of a mineral core and a shell that uniformly covers the mineral core, said shell being made of a cerium and/or terbium phosphate, or optionally with lanthanum. The composition is characterized in that it contains potassium at a maximum potassium content of 7000 ppm. The phosphor of the invention is obtained by calcining said composition at at least 1000°C.

IPC 8 full level

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