

Title (en)

SOLID BODY HAVING DYING PROPERTIES

Title (de)

FESTKÖRPER MIT FÄRBENDEN EIGENSCHAFTEN

Title (fr)

SOLIDE PRÉSENTANT DES PROPRIÉTÉS COLORANTES

Publication

EP 3665231 A1 20200617 (DE)

Application

EP 18755428 A 20180809

Priority

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- EP 2018071680 W 20180809

Abstract (en)

[origin: WO2019030344A1] The invention relates to a solid body of a compound of formula $Zn_{1-t}T_tE_eO_{1-y}Y_y$, wherein the compound has a wurtzite structure and wherein T represents one or more transition metals, selected from one or more of Mn, Cd, Cr, Fe, Co and Ni; E represents one or more alkaline earth metals, selected from one or more of Be, Mg, Ca, Sr and Ba; Y represents one or more chalcogens, selected from S, Se, Te; t is a value in the region of 0 to <1; e is a value from 0 to <1, and y is a value from 0 to <1.

IPC 8 full level

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