

Title (en)
PHOTOVOLTAIC CELL

Title (de)
PHOTOVOLTAISCHE ZELLE

Title (fr)
CELLULE PHOTOVOLTAIQUE

Publication
EP 1807873 A1 20070718 (DE)

Application
EP 05798617 A 20051025

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Abstract (en)
[origin: WO2006045588A1] The invention relates to a photovoltaic cell comprising a photovoltaically active semiconductor material. Said photovoltaically active semiconductor material is a p- or n-doped semiconductor material with mixed compounds of formula (I): $(\text{Zn}_{1-x}\text{Mn}_x\text{Te})_{1-y}(\text{Si}_a\text{Te}_b)_{1-y}$, in which x = a number from 0.01 to 0.99, y = a number from 0.01 to 0.2, a = a number from 1 to 2 and b = a number from 1 to 3.

IPC 8 full level
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See references of WO 2006045588A1

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DE 102004052014 A1 20060504; AU 2005298825 A1 20060504; CA 2582253 A1 20060504; CN 101048876 A 20071003; EP 1807873 A1 20070718; JP 2008518448 A 20080529; KR 20070084519 A 20070824; NZ 553938 A 20090828; TW 200631189 A 20060901; US 2009133744 A1 20090528; WO 2006045588 A1 20060504

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