Title (en)
MIXED BISMUTH AND COPPER OXIDES AND SULPHIDES FOR PHOTOVOLTAIC USE

Title (de)
WISMUT/KUPFER-MISCHOXIDE UND SULFIDE ZUR VERWENDUNG IN DER PHOTOVOLTAIK

Title (fr)
OXYDES ET SULFURES MIXTES DE BISMUTH ET CUIVRE POUR APPLICATION PHOTOVOLTAÏQUE

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Application
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Abstract (en)
[origin: WO2014049172A2] The present invention relates to the use of a material comprising at least one compound of formula (I): $BiCu_{1-z}O_aS_bSe_cTe_d$ (I), where $0 \leq z \leq 0.2$; $0 \leq a \leq 2$; $0 \leq b \leq 2$; $0 \leq c \leq 2$; $0 \leq d \leq 2$; and $a + b + c + d = 2$, as a p-type semiconductor, for providing a photocurrent. The invention also relates to the photovoltaic devices using these semiconductors.

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