

Title (en)  
FLOWING MELT LAYER PROCESS FOR PRODUCTION OF SULFIDES.

Title (de)  
STRÖMUNGSSCHMELZSCHICHTVERFAHREN ZUR HERSTELLUNG VON SULFIDEN.

Title (fr)  
PROCEDE DE PRODUCTION DE SULFURES PAR ECOULEMENT D'UNE COUCHE EN FUSION.

Publication  
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Application  
**EP 82903536 A 19821012**

Priority  
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Abstract (en)  
[origin: WO8301437A1] An alkali metal oxysulfur compound is converted to a corresponding alkali metal sulfide by reaction with a solid carbonaceous material. Reaction takes place during the heating of an oxysulfur compound and carbonaceous material which results in a melt being formed. The reactants are subjected to centrifugal force and are forced to the periphery of a reaction zone where they form a downwardly flowing melt in which the reduction of the oxysulfur compound to the sulfide continues. Product is recovered from a melt exiting the reaction zone. In a preferred embodiment, one or more of the reactants enter the reaction zone tangentially entrained in a carrier gas.

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IPC 8 full level  
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