Title (en)

METHOD FOR REGENERATION OF AN ELECTROLYSIS BATH FOR THE PRODUCTION OF A COMPOUND I-III-VI SB 2 /SB IN THIN LAYERS

Title (de)

VERFAHREN ZUR REGENERATION EINES ELEKTROLYSEBADES ZUR HERSTELLUNG EINER I-III-VI2 VERBINDUNG ALS DÜNNSCHICHT

Title (fr)

PROCEDE DE REGENERATION D'UN BAIN D'ELECTROLYSE POUR LA FABRICATION D'UN COMPOSE I-III-VI sb 2 /sb EN COUCHES MINC ES

Publication

EP 1576209 A1 20050921 (FR)

Application

EP 03796179 A 20031205

Priority

- FR 0303608 W 20031205
- FR 0216712 A 20021226

Abstract (en)

[origin: FR2849450A1] The production of a I-III-VIy composite in thin films by electrochemistry, where y is close to 2 and VI is an element containing selenium, comprises: (a) providing an electrolysis bath containing active selenium, of a degree of oxidation IV, as well as at least two electrodes; and (b) applying a potential difference between the electrodes to favor a migration of the active selenium to one of the electrodes and start the formation of at least one thin film of I-III-VIy. The process also includes a stage of regeneration of the selenium in the active form in the bath, to augment the life of the electrolysis bath.

IPC 1-7

C25D 21/18; C25D 9/08; H01L 21/368

IPC 8 full level

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CPC (source: EP)

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