

Title (en)

OPTICAL DETECTOR WITH A FILTER LAYER MADE OF POROUS SILICON AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

OPTISCHER DETEKTOR MIT EINER FILTERSCHICHT AUS PORÖSEM SILIZIUM UND HERSTELLUNGSVERFAHREN DAZU

Title (fr)

DETECTEUR OPTIQUE DOTE D'UNE COUCHE FILTRE CONSTITUEE DE SILICIUM POREUX ET PROCEDE DE FABRICATION DUDIT DETECTEUR

Publication

EP 1151479 A2 20011107 (DE)

Application

EP 99967910 A 19991224

Priority

- DE 9904096 W 19991224
- DE 19900879 A 19990112

Abstract (en)

[origin: WO0041456A2] A optical silicon-based detector with a porous filter layer that has a laterally modifiable filter effect, comprising a plurality of integrated photosensitive cells. The invention also relates to a method for the production of an optical detector by creating an insulating layer on the porous filter layer and by providing active filter surfaces.

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H01L 31/0216; **H01L 31/028**

IPC 8 full level

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IPC 8 main group level

H01L (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 0041456A2

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DOCDB simple family (publication)

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DOCDB simple family (application)

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