

Title (en)
Organic photoconductor

Title (de)
Organischer Photoleiter

Title (fr)
Photoconducteur organique

Publication
EP 0690350 A2 19960103 (EN)

Application
EP 95202276 A 19900508

Priority

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- CA 2082416 A 19900508
- EP 90908309 A 19900508
- NL 9000066 W 19900508

Abstract (en)
An organic photoconductor including a base layer formed of a first material and a photoconductive layer formed of a second material. The organic photoconductor being characterized in that when it is maintained in a curved orientation with the photoconductive layer facing outward, the photoconductive layer is subjected to less stress than the base layer. In one embodiment the first material is relatively more flexible and stretchable than said second material and the materials are pre-stressed in opposite senses. In a second embodiment the first material is relatively flexible and stretchable and the second material is an initially less flexible and stretchable material which has been chemically treated to increase its stretchability and flexibility.

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G03G 5/06; **G03G 5/00**

IPC 8 full level
G03G 5/00 (2006.01); **G03G 5/04** (2006.01); **G03G 5/06** (2006.01); **G03G 5/10** (2006.01); **G03G 5/147** (2006.01)

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Citation (applicant)

- US 4891290 A 19900102 - NARITA MITSURU [JP]
- US 4894304 A 19900116 - UEDA HIDEAKI [JP]
- US 4794651 A 19881227 - LANDA BENZION [CA], et al
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