

Title (en)

Photosensitive member composed of charge transporting layer and charge generating layer.

Title (de)

Lichtempfindliches Element, bestehend aus einer Ladungstransportschicht und einer Ladungserzeugungsschicht.

Title (fr)

Membre photosensible composé d'une couche transporteuse de charge et d'une couche génératrice de charge.

Publication

**EP 0241033 A1 19871014 (EN)**

Application

**EP 87105274 A 19870409**

Priority

- JP 8313086 A 19860409
- JP 8313186 A 19860409
- JP 8313386 A 19860409

Abstract (en)

The present invention relates to a photosensitive member having an a-C layer as a charge transporting layer (2), which a-C layer is specified in the ratio of the number of unsaturated carbon to the number of saturated carbon; the photosensitive member has an excellent charge transportability as well as a chargeability.

IPC 1-7

**G03G 5/04; G03G 5/07**

IPC 8 full level

**G03G 5/07** (2006.01); **G03G 5/082** (2006.01)

CPC (source: EP)

**G03G 5/07** (2013.01); **G03G 5/08221** (2013.01); **G03G 5/08235** (2013.01); **G03G 5/08278** (2013.01); **G03G 5/08285** (2013.01)

Citation (search report)

- US 4366208 A 19821228 - AKAI YOSHIMI, et al
- US 3956525 A 19760511 - YASUBA HIROSHI
- EP 0151754 A2 19850821 - ENERGY CONVERSION DEVICES INC [US]
- DE 3430940 A1 19850314 - SHARP KK [JP]
- PATENT ABSTRACTS OF JAPAN, unexamined applications, section P, vol. 9, no. 86, April 16, 1985 THE PATENT OFFICE JAPANESE GOVERNMENT page 29 P 346 \* JP - A - 59-214 859 ( SANYO DENKI K.K. ) \*
- PATENT ABSTRACTS OF JAPAN, unexamined applications, section P, vol. 8, no. 137, June 26, 1984 THE PATENT OFFICE JAPANESE GOVERNMENT page 128 P 282 \* JP - A - 59-38 753 ( TOKYO SHIBAURA DENKI K.K. ) \*
- JOURNAL OF APPLIED POLYMER SCIENCE, vol. 17, 1973, New York H.KOBAYASHI et al. "Formation of an Amorphous Powder During the Polymerization of Ethylene in a Radio-Frequency Discharge" pages 885-892 \* Page 885 ; page 888, line 43- page 891 \*

Cited by

**EP3451066A1; US10338486B2**

Designated contracting state (EPC)

**DE FR GB**

DOCDB simple family (publication)

**EP 0241033 A1 19871014**

DOCDB simple family (application)

**EP 87105274 A 19870409**