

Title (en)

Electrophotographic photosensitive member.

Title (de)

Elektrophotographisches lichtempfindliches Element.

Title (fr)

Élément électrophotographique photosensible.

Publication

EP 0300807 A2 19890125 (EN)

Application

EP 88306746 A 19880722

Priority

JP 18348087 A 19870724

Abstract (en)

An electrophotographic photosensitive member, comprises an electroconductive support (1), optionally a charge blocking layer (2), a photoconductive layer (3,4) made from hydrogen-containing amorphous silicon as a matrix and a charge injection blocking layer (5). To give the member high electrostatic charge acceptance and a good photosensitivity, the charge injection blocking layer (5) has a different conductivity type from that of the photoconductive layer (3,4) and a broader optical band gap than that of the photoconductive layer (3,4). A moisture and corona-resistant layer (6) is also provided.

IPC 1-7

G03G 5/082

IPC 8 full level

G03G 5/08 (2006.01); **G03G 5/082** (2006.01)

CPC (source: EP)

G03G 5/08235 (2013.01); **G03G 5/0825** (2013.01)

Cited by

US8969711B1; US5737671A; EP0809153A3; EP0764887A3; US5738963A; US9947824B1

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