

Title (en)

CHARGING MEMBER WITH A BRIDGING ELECTRODE STRUCTURE AND CHARGING DEVICE USING SAME IN A DETACHABLE PROCESS UNIT IN AN IMAGE FORMING APPARATUS

Publication

**EP 0439145 A3 19921209 (EN)**

Application

**EP 91100831 A 19910123**

Priority

JP 1409590 A 19900124

Abstract (en)

[origin: EP0439145A2] A charging member for charging a member to be charged includes a blade member, a supporting member which supports the blade member, and an electrode layer which is provided on the blade member and is connected to the supporting member. The electrode layer is formed after connecting the blade member to the supporting member. A charging device uses the charging member. A process unit including the charging device is detachable relative to an image forming apparatus. <IMAGE>

IPC 1-7

**G03G 15/02**

IPC 8 full level

**G03G 15/02** (2006.01)

CPC (source: EP)

**G03G 15/0233** (2013.01)

Citation (search report)

- [A] EP 0312230 A2 19890419 - CANON KK [JP]
- [A] EP 0308185 A2 19890322 - CANON KK [JP]
- [E] EP 0439143 A2 19910731 - CANON KK [JP]

Cited by

US5278614A; US5192974A; EP0439143A3; US5353101A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0439145 A2 19910731; EP 0439145 A3 19921209; EP 0439145 B1 19960904;** DE 69121731 D1 19961010; DE 69121731 T2 19970206; JP 2767951 B2 19980625; JP H03217874 A 19910925

DOCDB simple family (application)

**EP 91100831 A 19910123;** DE 69121731 T 19910123; JP 1409590 A 19900124