

Title (en)
COROTRON WIRE CASE FOR ELECTROPHOTOGRAPHIC PRINTING OR COPYING MACHINES

Publication
EP 0224820 B1 19890830 (DE)

Application
EP 86116173 A 19861121

Priority
DE 3541592 A 19851125

Abstract (en)
[origin: US4746796A] A corotron wire cassette including a supply reel seated therein for the acceptance of a wire-shaped electrode is interchangeably provided in a corona-generating means of an electrophotographic printer or copier device. The supply reel in the corotron wire cassette includes a restoring spring. The wire-shaped electrode is conducted via a deflection roller comprising felt rings secured thereon for cleaning the wire-shaped electrode. Connected to the wire-shaped electrode, a coupling clip is provided at the output of the corotron wire cassette, this coupling clip cooperating, in the inserted condition of the corotron wire cassette, with a holding element of a cleaning slide of the corona-generating means. Via an electro-motive means, a control device automatically pulls the wire-shaped electrode out of the cassette in accord with the preset paper width after the cassette is inserted. When a cleaning procedure is initiated, the cleaning slide is moved back and forth in its guide channel via the electro-motive means.

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G03G 15/02

IPC 8 full level
G03G 15/02 (2006.01)

CPC (source: EP US)
G03G 15/0258 (2013.01 - EP US); **G03G 15/0291** (2013.01 - EP US)

Cited by
DE102007018030B4; US4946626A; DE19537610C1; EP0465125A3; US6318916B1; WO9924263A1; US6256474B1

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