

Title (en)
SEGMENTED CORONODE SCOROTRON

Publication
EP 0147206 A3 19870603 (EN)

Application
EP 84309000 A 19841221

Priority
US 56760884 A 19840103

Abstract (en)
[origin: EP0147206A2] A segmented coronode scorotron charging device (90) comprising a coronode wire (92) that is zig zagged with respect to the direction of travel of a charge receptor in order to reduce the effective distance between "hot spots" in the wire and thereby insure uniform charging of the receptor, and to reduce the length of coronode wire between support points, thereby eliminating sagging, singing, and tensioning problems and providing a scorotron of unlimited length.

IPC 1-7
G03G 15/02

IPC 8 full level
G03G 15/02 (2006.01); **H01T 19/00** (2006.01)

CPC (source: EP)
G03G 15/0291 (2013.01); **H01T 19/00** (2013.01)

Citation (search report)

- [X] US 3348041 A 19671017 - ROSENTHAL LOUIS A
- [A] US 3470417 A 19690930 - GIBBONS CARL B
- [A] DE 6752807 U 19690604 - ROHR SIEGFRIED [DE]
- [A] DE 1195165 B 19650616 - FOTOCLARK F GRUEN K G
- [A] FR 2229086 A1 19741206 - MITA INDUSTRIAL CO LTD [JP]
- [X] PATENTS ABSTRACTS OF JAPAN, vol. 6, no. 175 (P-141)[1053], 9th September 1982; & JP 57090663 A (KONISHIROKU SHASHIN KOGYO K.K.) 05-06-1982
- [X] PATENTS ABSTRACTS OF JAPAN, vol. 5, no. 42 (P-53)[714], 20th March 1981; & JP 55163555 A (RICOH K.K.) 19-12-1980

Cited by
DE19655080B4; DE19735972C2; US4724509A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0147206 A2 19850703; EP 0147206 A3 19870603; BR 8406739 A 19851022; JP S60158583 A 19850819

DOCDB simple family (application)
EP 84309000 A 19841221; BR 8406739 A 19841227; JP 28205984 A 19841226