

Title (en)
Automatic device for cleaning corona wires

Title (de)
Automatische Vorrichtung zum Reinigen von Koronadrähten

Title (fr)
Dispositif automatique de nettoyage de fils corona

Publication
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Application
EP 02004188 A 20020226

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US 79632101 A 20010228

Abstract (en)
[origin: CA2373984A1] A mechanism for automatically cleaning the surface of a corona wire within a corona charger is described, wherein the a cleaning assembly includ es a cleaning pad mounted within a pad holder, the cleaning pad wrapped around a substantial portion of a circumference of the corona wire for wiping the surface of the corona wire. The cleaning mechanism also includes means for holding the cleaning assembly within the corona charger in association with the corona wire, means, associated with the holding means, for moving the holding means linearly along the length of the corona wire, and means for automatically selectively activating the moving means to move the holding means such that the cleaning assembly is moved to clean the corona wire. In one embodiment, the cleaning assembly includes at least one finishing stone mounted to a stone holder, wherein the finishing stone engages the surface of the corona wire.

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G03G 15/02

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

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 366 (P - 1089) 8 August 1990 (1990-08-08)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 10 31 October 1997 (1997-10-31)

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