

Title (en)

Carbon current collecting contactor and pantograph assembly.

Title (de)

Kohlestromabnehmer und Pantographenvorrichtung.

Title (fr)

Contacteur collecteur de courant en charbon et dispositif pantographe.

Publication

EP 0000980 A1 19790307 (EN)

Application

EP 78300220 A 19780801

Priority

US 82752077 A 19770825

Abstract (en)

A carbon current collecting contactor (1) which is resistant to breakage due to sudden impacts in service. It is particularly useful when applied to pantographs (10) for electric locomotives or trains, and comprises a carbon current contactor (1) to which is affixed a resilient pad (2).

IPC 1-7

B60L 5/20

IPC 8 full level

B60L 5/20 (2006.01)

CPC (source: EP US)

B60L 5/205 (2013.01 - EP US); **B60L 2200/26** (2013.01 - EP US)

Citation (search report)

- [X] DE 1563951 A1 19700618 - CONRADTY FA C
- [X] DE 617411 C 19350819 - CONRADTY FA C
- US 2221611 A 19401112 - WILLIAM SCHAAKE
- DE 679773 C 19390815 - OTTOMAR KASPEROWSKI DR ING
- US 2732423 A 19560124

Cited by

US5176230A; GB2242177A; GB2242177B; WO2013153230A3; US11944526B2

Designated contracting state (EPC)

BE CH DE FR GB

DOCDB simple family (publication)

EP 0000980 A1 19790307; US 4146119 A 19790327

DOCDB simple family (application)

EP 78300220 A 19780801; US 82752077 A 19770825