

Title (en)

ALTERNATING CURRENT TURNOUT EQUIPMENT, SYSTEM, AND CONTROL METHOD THEREFOR

Title (de)

WECHSELSTROMWEICHENVORRICHTUNG, SYSTEM UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)

ÉQUIPEMENT DE RETOURNEMENT DE COURANT ALTERNATIF, SYSTÈME ET PROCÉDÉ DE COMMANDE POUR CELUI-CI

Publication

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Application

EP 19780131 A 20190904

Priority

- CN 201811139273 A 20180928
- CN 2019104326 W 20190904

Abstract (en)

[origin: EP3656639A1] The present invention provides an alternating current (AC) turnout apparatus, system and control method thereof. The AC turnout apparatus includes a point machine control part and a logic part. The point machine control part includes a drive part and an indication part which are independent of each other. Each of the drive part and the indication part is capable of implementing data connection with the logic part. The drive part is configured to control a point machine to operate a fixed rotation or a reverse rotation according to a control instruction of the logic part. The indication part configured to acquire indication information of the point machine, and send the acquired indication information of the point machine to the logic part. The AC turnout apparatus, system and control method effectively improve the reliability of the AC turnout control and ensure the traveling safety.

IPC 8 full level

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CPC (source: CN EP)

B61L 5/06 (2013.01 - CN); **B61L 5/062** (2013.01 - EP); **B61L 5/107** (2013.01 - EP)

Citation (search report)

- [X1] CN 108032870 A 20180515 - NANJING NRIET IND CO LTD
- [XA] US 6484974 B1 20021126 - FRANKE RAYMOND C [US], et al
- See also references of WO 2020063278A1

Designated contracting state (EPC)

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EP 3656639 A1 20200527; **EP 3656639 A4 20210113**; **EP 3656639 B1 20240501**; **EP 3656639 C0 20240501**; CN 109278802 A 20190129; CN 109278802 B 20200522; EA 202091838 A1 20210430; RS 65748 B1 20240830; WO 2020063278 A1 20200402

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