

Title (en)
SWITCH INDICATION APPARATUS

Title (de)
WEICHENANZEIGEVORRICHTUNG

Title (fr)
APPAREIL D'INDICATION DE COMMUTATION

Publication
EP 3656640 A4 20201230 (EN)

Application
EP 19780134 A 20190904

Priority
• CN 201811139271 A 20180928
• CN 2019104327 W 20190904

Abstract (en)
[origin: EP3656640A1] The present invention provides a turnout indication apparatus. The apparatus includes an indication electric control circuit, and an indication acquisition and control circuit. The indication electric control circuit is connected to the indication acquisition and control circuit and is configured to supply power for the indication acquisition and control circuit; the indication acquisition and control circuit comprises a normal position circuit, a reverse position circuit and a switch circuit, each of the normal position circuit and the reverse position circuit are connected to a point machine through the switch circuit to acquire indication information of the point machine. The turnout control apparatus effectively improves the reliability of the AC turnout control and ensure the traveling safety.

IPC 8 full level
B61L 5/06 (2006.01)

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)
• [XAI] CN 107985339 A 20180504 - BEIJING NAT RAILWAY RES & DESIGN INST SIGNAL & COMMUNICATION LTD, et al
• [XAI] ZHANG ET AL: "Research on Three-phase AC Switches Control Module of Tram Signal System", MASTER THESIS, LANZHOU JIAOTONG UNIVERSITY, CN, 15 April 2016 (2016-04-15), pages 1 - 68, XP009518846
• See references of WO 2020063279A1

Cited by
US2023401119A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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