

Title (en)

METHOD FOR CONTROLLING UNDERGROUND RAILWAY LINES

Title (de)

VERFAHREN ZUR STEUERUNG VON UNTERIRDISCHEN EISENBAHNSTRECKEN

Title (fr)

PROCÉDÉ POUR COMMANDER UNE LIGNE DE MÉTRO

Publication

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Application

EP 17876671 A 20171115

Priority

- BG 11241916 A 20161201
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Abstract (en)

[origin: WO2018098537A1] A method for controlling underground railway lines, wherein railcars move around without overtaking one another and without stopping at all stations. This method of control is characterized in that every railcar moves according to a pattern 1, 2, 3, 4, which means that the first railcar stops at a following station, then passes by one station and stops at a second station, then passes by two stations and stops at a third station, then passes by three stations and stops at a fourth station. Afterwards, the cycle 1, 2, 3, 4 starts over again. The aim of the invention is to increase a maximum capacity of an underground railway line, as well as reduce the duration of a trip and save on electrical energy.

IPC 8 full level

B61L 27/00 (2006.01)

CPC (source: EP)

B61L 27/10 (2022.01); **B61L 27/16** (2022.01); **B61L 2210/02** (2013.01)

Citation (search report)

- [I] CN 101391609 A 20090325 - DAOXIN ZHU [CN]
- [I] DE 102006006227 A1 20070816 - HERDE CHRISTIAN [DE]
- [ID] CN 101786460 A 20100728 - JIAQI SHEN
- See references of WO 2018098537A1

Designated contracting state (EPC)

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WO 2018098537 A1 20180607; BG 112419 A 20180629; BG 67273 B1 20210315; CN 110087971 A 20190802; EP 3617033 A1 20200304; EP 3617033 A4 20200715; JP 2020500772 A 20200116; JP 7091334 B2 20220627

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