Title (en)
METHOD FOR OPERATING A RAIL VEHICLE

Title (de)
VERFAHREN ZUM BETREIBEN EINES SCHIENENFAHRZEUGES

Title (fr)
PROCÉDÉ POUR FAIRE FONCTIONNER UN VÉHICULE SUR RAILS

Publication
EP 3956194 A1 20220223 (DE)

Application
EP 20728403 A 20200505

Priority
• DE 102019207948 A 20190529
• EP 2020062442 W 20200505

Abstract (en)
[origin: WO2020239372A1] The invention relates to a method for operating a rail vehicle. A first (1) and a second (2) rail vehicle travel on a rail (4) subdivided into n blocks (40). The method comprises: A) providing a first item of information, which represents that the first rail vehicle crosses a block boundary (41) between an i-th block and an i+1-th block at a first time (t1), B) providing a second item of information, which represents that the second rail vehicle crosses a block boundary between a j-th block and a j+1-th block at a second time (t2), C) determining a third item of information, which represents whether a block between the i+1-th and the j-th block is occupied by a further rail vehicle before and/or between the two times, D) releasing a first operating state for the first rail vehicle subject to the third item of information, if the third item of information represents that no block is occupied, the first operating state being travelling at a moving spatial distance.

IPC 8 full level
B61L 3/12 (2006.01); **B61L 25/02** (2006.01); **B61L 27/00** (2022.01)

CPC (source: CN EP)
B61L 3/125 (2013.01 - CN EP); **B61L 25/025** (2013.01 - CN EP); **B61L 27/20** (2022.01 - EP); **B61L 27/30** (2022.01 - EP); **B61L 27/40** (2022.01 - EP); B61L 1/14 (2013.01 - EP); B61L 1/16 (2013.01 - EP); B61L 2027/202 (2022.01 - EP); B61L 2027/204 (2022.01 - EP); B61L 2205/04 (2013.01 - CN EP)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020239372 A1 20201203; CN 114080342 A 20220222; CN 114080342 B 20240112; DE 102019207948 A1 20201203; EP 3956194 A1 20220223

DOCDB simple family (application)
EP 2020062442 W 20200505; CN 202080049540 A 20200505; DE 102019207948 A 20190529; EP 20728403 A 20200505