

Title (en)
TRAIN CONTROL DEVICE

Title (de)
ZUGSTEUERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMMANDE DE TRAIN

Publication
EP 2857255 A4 20160622 (EN)

Application
EP 13796521 A 20130415

Priority
• JP 2012123725 A 20120530
• JP 2013061229 W 20130415

Abstract (en)
[origin: US2013325224A1] A train control device includes a detector that detects the current location and speed of the train, a clock unit that tracks the current time, a schedule input section by which the schedule data including the scheduled arrival time of the train at each station on the line is input, and a computing unit that computes an operating schedule according to which the train runs at the detected location and the detected speed to the next station, based on a target operation time that is obtained by subtracting the current time from the scheduled arrival time at the next station, operation characteristics of the train and a condition of the line.

IPC 8 full level
B61L 3/00 (2006.01); **B61L 3/22** (2006.01); **B61L 15/00** (2006.01); **B61L 25/02** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP US)
B61L 15/0058 (2024.01 - EP US); **B61L 15/0062** (2024.01 - EP US); **B61L 25/021** (2013.01 - EP US); **B61L 25/025** (2013.01 - EP US); **B61L 25/026** (2013.01 - EP US); **B61L 27/12** (2022.01 - US); **B61L 27/14** (2022.01 - EP US); **B61L 3/221** (2013.01 - EP US); **B61L 15/0027** (2013.01 - EP US)

Citation (search report)
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• [YA] JP H04252769 A 19920908 - TOSHIBA CORP
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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

DOCDB simple family (publication)
US 2013325224 A1 20131205; BR 112014028228 A2 20170627; CN 104379396 A 20150225; CN 104379396 B 20170804; EP 2857255 A1 20150408; EP 2857255 A4 20160622; JP 2013251953 A 20131212; JP 5944229 B2 20160705; WO 2013179790 A1 20131205

DOCDB simple family (application)
US 201313903798 A 20130528; BR 112014028228 A 20130415; CN 201380028205 A 20130415; EP 13796521 A 20130415; JP 2012123725 A 20120530; JP 2013061229 W 20130415