

Title (en)

METHOD OF IDENTIFICATION OF WAGGONS IN A FAST RUNNING TRAIN AND DEVICE FOR CARRYING OUT THE METHOD

Publication

**EP 0123774 B1 19880831 (DE)**

Application

**EP 84100109 A 19840107**

Priority

DE 3307246 A 19830302

Abstract (en)

[origin: EP0123774A1] 1. Method for the identifying of wagons running in a train formation, in particular a rapidly travelling one, with the use of an arrangement for the measuring of the wheel loads with at least one measuring point, wherein also the speed of the train formation is determined, characterized thereby, that strain gauges, which are fastened at the web of a rail at the level of the neutral fibre and oriented orthogonally to the neutral fibre, are used as measuring point, that - on a wheel running over the measuring point - the then arising measurement peak of the measurement signal is triggered at a threshold value that the time interval between two measurement peaks on the running of two successive wheels over the measuring point is measured each time on the threshold value being fallen below or exceeded and this measured time interval is added to half the difference of the measured time intervals between the threshold value being fallen below and being exceeded at each of both the successive measurement peaks, that the result is processed together with the speed into an axle spacing and that the wagon concerned is identified by this axle spacing or by several successive axle spacing.

IPC 1-7

**G01G 19/04**; **G01L 1/22**

IPC 8 full level

**B61L 1/06** (2006.01); **B61L 25/00** (2006.01); **G01G 19/04** (2006.01); **G01L 1/22** (2006.01)

CPC (source: EP)

**B61L 1/06** (2013.01); **B61L 25/00** (2013.01)

Citation (examination)

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0123774 A1 19841107**; **EP 0123774 B1 19880831**; AT E36912 T1 19880915; DE 3307246 A1 19840920; DE 3307246 C2 19850404; DE 3473796 D1 19881006

DOCDB simple family (application)

**EP 84100109 A 19840107**; AT 84100109 T 19840107; DE 3307246 A 19830302; DE 3473796 T 19840107