

Title (en)

A traffic data fusion system and the related method for providing a traffic state for a network of roads

Title (de)

Verkehrsdatenfusionssystem und entsprechendes Verfahren zur Bereitstellung eines Verkehrszustands für ein Straßennetz

Title (fr)

Système de fusion de données de trafic et procédé associé permettant de fournir un état de trafic de réseau routier

Publication

EP 3035314 A1 20160622 (EN)

Application

EP 14199054 A 20141218

Priority

EP 14199054 A 20141218

Abstract (en)

A traffic data fusion system (1) adapted to produce a traffic state (2) for a network of roads, comprising: - interfaces (100) receiving traffic data (3) from multiple traffic data sources (200); - a central traffic database (300) collecting said traffic data (3) from said multiple traffic data sources (200); - a central data fusion engine (400) executing a plurality of traffic state determination algorithms (10) using said traffic data (3) to independently generate respective intermediate traffic states (4); and - an aggregation engine (500) combining said intermediate traffic states (4) to thereby generate said traffic state (2).

IPC 8 full level

G08G 1/01 (2006.01)

CPC (source: EP)

G08G 1/0108 (2013.01)

Citation (applicant)

- US 2002026278 A1 20020228 - FELDMAN ISRAEL [IL], et al
- US 8437948 B1 20130507 - BALASUNDARAM ALAN [US], et al

Citation (search report)

- [X] US 5173691 A 19921222 - SUMNER ROY L [US]
- [A] US 2007118275 A1 20070524 - QI HONGWEI [CN], et al
- [A] US 2005099322 A1 20050512 - WAINFAN S L [US], et al
- [A] DE 19944891 A1 20000420 - MANNESMANN AG [DE]

Cited by

CN111160650A; EP3839917A1; CN110348615A; CN114664090A; CN111435450A; CN105931480A; CN113506440A; CN113570870A; EP3561791A1; FR3080701A1; CN109410576A; CN109598939A; CN111710161A; US10885778B2; US10733877B2

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)

EP 3035314 A1 20160622; EP 3035314 B1 20171115; WO 2016096226 A1 20160623

DOCDB simple family (application)

EP 14199054 A 20141218; EP 2015075162 W 20151029