

Title (en)

DEVICE FOR IMPROVING THE RUNNING BEHAVIOUR OF A VEHICLE AND ITS INTERNAL COMBUSTION ENGINE

Publication

**EP 0172349 B1 19890503 (DE)**

Application

**EP 85107389 A 19850614**

Priority

DE 3427224 A 19840724

Abstract (en)

1. Method for improving the running behaviour of a motor vehicle driven by means of an internal combustion engine (1), in which the internal combustion engine (1) is elastically supported in the body (2), the internal combustion engine (1) being supplied with fuel by a fuel metering system (12, 41) equipped with a feed rate adjusting device (72, 43, 41) and changes in the adjustment of the feed rate adjusting device (72, 43, 41) being effected in dependence on relative movements of the internal combustion engine (1) with respect to the body (2), characterized in that the relative movements of the internal combustion engine (1) with respect to the body (2) are detected and are converted by differentiation into control signals according to which, depending on the direction of movement of the internal combustion engine (1), the feed rate adjusting device (72, 43, 41) of the internal combustion engine (1) meters fuel quantities as a compensation for the relative movements either in the direction of a reduction or of an increase.

IPC 1-7

**B60K 26/00**

IPC 8 full level

**B60K 26/00** (2006.01); **F02D 1/04** (2006.01); **F02D 35/00** (2006.01); **F02D 41/14** (2006.01); **F02M 41/12** (2006.01)

CPC (source: EP US)

**F02D 1/04** (2013.01 - EP US); **F02D 35/00** (2013.01 - EP US); **F02D 41/1498** (2013.01 - EP US); **F02M 41/126** (2013.01 - EP US); **F02D 2200/1015** (2013.01 - EP US)

Cited by

FR2602549A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**DE 3427224 A1 19860130**; DE 3569910 D1 19890608; EP 0172349 A2 19860226; EP 0172349 A3 19870114; EP 0172349 B1 19890503; US 5000151 A 19910319

DOCDB simple family (application)

**DE 3427224 A 19840724**; DE 3569910 T 19850614; EP 85107389 A 19850614; US 2394686 A 19860922