

Title (en)

METHOD FOR SYNCHRONIZING INJECTION WITH THE ENGINE PHASE IN AN ENGINE WITH ELECTRONIC CONTROLLED INJECTORS

Title (de)

VERFAHREN ZUR SYNCHRONISATION DER EINSPRITZUNG MIT DER PHASE EINES MOTORS MIT ELEKTRONISCH-GESTEUERTEN KRAFTSTOFFEINSPRITZDÜSEN

Title (fr)

PROCEDE DE SYNCHRONISATION DE L'INJECTION AVEC LA PHASE MOTEUR DANS UN MOTEUR A COMMANDE ELECTRONIQUE DES INJECTEURS

Publication

EP 1613850 B1 20061122 (FR)

Application

EP 04725040 A 20040401

Priority

- EP 2004003443 W 20040401
- FR 0304836 A 20030417

Abstract (en)

[origin: FR2853935A1] The process involves injecting fuel in cylinders in pre-determined order of injection. Motor regime and its acceleration are measured. The injection is carried out in predetermined order if the motor regime and its acceleration exceeds pre-determined threshold else the injection is carried out with a delay with respect to predetermined.

IPC 8 full level

F02D 41/14 (2006.01); **F02D 41/06** (2006.01); **F02D 41/34** (2006.01)

CPC (source: EP KR US)

F02D 41/009 (2013.01 - EP US); **F02D 41/06** (2013.01 - KR); **F02D 41/14** (2013.01 - KR); **F02D 41/1497** (2013.01 - EP US); **F02D 41/34** (2013.01 - KR); **F02D 41/062** (2013.01 - EP US); **F02D 2041/0092** (2013.01 - EP US)

Cited by

FR3088378A1

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DE GB IT SE

DOCDB simple family (publication)

FR 2853935 A1 20041022; **FR 2853935 B1 20070302**; DE 602004003358 D1 20070104; DE 602004003358 T2 20070419; EP 1613850 A1 20060111; EP 1613850 B1 20061122; JP 2006523796 A 20061019; JP 4351699 B2 20091028; KR 20050118308 A 20051216; US 2007023004 A1 20070201; US 8397692 B2 20130319; WO 2004092564 A1 20041028

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