

Title (en)
CONTROL DEVICE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
STEUERGERÄT FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)
CONTRÔLEUR POUR UN MOTEUR À COMBUSTION INTERNE

Publication
EP 3221573 A1 20170927 (DE)

Application
EP 15795168 A 20151117

Priority
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Abstract (en)
[origin: WO2016079132A1] Control device (1) for an internal combustion engine (2), having a function which determines a reference variable (x(t)) taking into account an operating state information item (FW, SB) of an upper limit and a cumulated actual variable, which reference variable (x(t)) influences an operating state of the internal combustion engine (2) with the result that multiple actual variables are set in such a way that in an operating time period with a combination of different arbitrary operating states of the internal combustion engine (2), set in a random sequence, cumulated actual variables do not exceed upper limits for this operating time period, wherein a target function is minimized by selecting the reference variable (x(t)) from Pareto-optimum alternatives by means of an indifference curve (I).

IPC 8 full level
F02D 41/14 (2006.01)

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F02D 41/1406 (2013.01 - CN EP KR US); **F02D 2250/36** (2013.01 - CN EP KR US); **F02D 2250/38** (2013.01 - CN EP KR US)

Citation (search report)
See references of WO 2016079132A1

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