

Title (en)
ATMOSPHERIC PRESSURE DETECTOR OF INTERNAL COMBUSTION ENGINE

Title (de)
DETEKTOR EINER BRENNKRAFTMASCHINE ZUR ERFASSUNG VON ATMOSPHERISCHEM DRUCK

Title (fr)
DETECTEUR DE PRESSION ATMOSPHERIQUE POUR MOTEUR A COMBUSTION INTERNE

Publication
EP 1433944 A4 20081029 (EN)

Application
EP 02779903 A 20021003

Priority

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- JP 2001308628 A 20011004
- JP 2002270007 A 20020917

Abstract (en)
[origin: EP1433944A1] Intake pressures PMi are detected at each crank angle position of 30 DEG Å DEG CA (Crank Angle) after an internal combustion engine 1 is started, and the intake pressures PMi are smoothed according to transition conditions thereof so as to be obtained as an atmospheric pressure. As this occurs, the plurality of intake pressures PMi are smoothed provided that a difference DELTA PM between the maximum PMMAX and minimum PMMIN of the plurality of intake pressures PMi is small enough to fall within a predetermined value. As an atmospheric pressure, when intake pressures PMi are stable, can be obtained by the plurality of samplings at the crank angle positions, the reliability of an atmospheric pressure detector for an internal combustion engine can be increased. <IMAGE>

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F02D 41/18 (2013.01); **F02D 2200/0406** (2013.01); **F02D 2200/703** (2013.01); **F02D 2200/704** (2013.01)

Citation (search report)

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