

Title (en)

Pressure sampling device for sampling an internal pressure of an intake pipe of a combustion engine

Title (de)

Druckprobenahmeverrichtung für interne Druckprobenahme in einem Ansaugrohr einer Brennkraftmaschine

Title (fr)

Dispositif d'échantillonnage de pression pour échantillonner une pression interne d'un tube d'admission d'un moteur à combustion interne

Publication

**EP 1239143 A3 20070314 (EN)**

Application

**EP 02004229 A 20020226**

Priority

JP 2001066754 A 20010309

Abstract (en)

[origin: EP1239143A2] In order to provide an internal pressure sampling device for an intake pipe of an internal combustion engine, capable of sampling the pressure within the intake pipe 10 in a highly precise manner even when the pressure sensor 14 is located away from the intake pipe 10, a sampling pipe 11 is provided on the intake pipe 10 of the internal combustion engine and communicates with the intake pipe 10 of the internal combustion engine, a damper 12 is fitted to one end of the sampling pipe 11, and a pressure sensor 14 is provided on the sampling pipe 11 further towards the side of a pressure takeoff or equalisation opening 11a of the sampling pipe 11 than the damper 12. An absorber 13 communicating with the sampling pipe 11 via the damper 12 is provided at one end of the sampling pipe 11.

IPC 8 full level

**F02M 35/10** (2006.01); **G01L 19/00** (2006.01); **F02B 27/00** (2006.01); **F02D 35/00** (2006.01); **G01L 23/24** (2006.01)

CPC (source: EP)

**F02M 35/10295** (2013.01); **F02M 35/1038** (2013.01); **F02M 35/1255** (2013.01); **F02M 35/1272** (2013.01)

Citation (search report)

- [A] JP S5540223 A 19800321 - HITACHI LTD
- [A] EP 0203814 A2 19861203 - HONDA MOTOR CO LTD [JP]

Cited by

WO2018047136A1

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Designated extension state (EPC)

AL LT LV MK RO SI

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