

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 B1 20080528 (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)

Cited by

WO2018047136A1

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 1239143 A2 20020911; **EP 1239143 A3 20070314**; **EP 1239143 B1 20080528**; DE 60226798 D1 20080710; JP 2002266676 A 20020918

DOCDB simple family (application)

EP 02004229 A 20020226; DE 60226798 T 20020226; JP 2001066754 A 20010309