

Title (en)
DEVICE FOR DIAGNOSING A PARTICLE FILTER

Title (de)
DIAGNOSEVORRICHTUNG FÜR EIN PARTIKELFILTER

Title (fr)
DISPOSITIF DE DIAGNOSTIC D'UN FILTRE A PARTICULES

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Abstract (en)
[origin: WO2011032933A1] The invention relates to a novel device for diagnosing a particle filter attached onto a main exhaust line (13) of an internal combustion engine, wherein said diagnosis device includes, downstream from the first particle filter, a detection filter (14) and a means (15) for measuring an output parameter of the detection filter. The detection filter (14) is arranged in a secondary exhaust line (16) through which a first portion of the gases from the particle filter passes, wherein a second portion of the gases from the particle filter follows the main exhaust line. The invention can be used for diagnosing particle filters for an automobile having a heat combustion engine.

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