

Title (en)

DEVICE FOR DETECTING RADIAL CRACKS IN A PARTICULATE FILTER

Title (de)

VORRICHTUNG ZUM NACHWEIS RADIALER RISSE IN EINEM PARTIKULÄRFILTER

Title (fr)

DISPOSITIF DE DETECTION DE FISSURES RADIALES DANS UN FILTRE A PARTICULES

Publication

EP 2238435 A2 20101013 (FR)

Application

EP 08863593 A 20081219

Priority

- FR 2008052391 W 20081219
- FR 0760202 A 20071221

Abstract (en)

[origin: WO2009081072A2] The invention relates to an assembly formed by a device for detecting radial cracks in a particulate filter of the honeycomb type, the filtering part of which is made of a porous inorganic material, said particulate filter comprising a single monolith or being obtained by the combination of a number of monoliths, the device being characterized in that it comprises an electrically conductive material placed in the form of a strip or wire on at least one longitudinal part of the filter, fastened to a monolith and/or to the coating cement or sealing cement, and having an electrical conductivity higher than the electrical conductivity of the material constituting that part of the filter to which it is fastened, and having a strength not exceeding the strength of the constituent material of that part of the filter to which it is fastened, together with means for measuring the conductivity or the electrical resistance of the strip or wire of electrically conductive material.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009081072A2

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