

Title (en)

METHOD AND DEVICE FOR PURIFYING WASTE GASES CONTAINING ACIDIFYING SUBSTANCES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REINIGUNG VON ABGASEN MIT SÄUREBILDENDEN STOFFEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PURIFICATION DE GAZ D'ÉCHAPPEMENT CONTENANT DES SUBSTANCES ACIDIFIANTES

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Application

EP 13834084 A 20130830

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Abstract (en)

[origin: WO2014035331A1] Method for purifying exhaust gases from acidifying compounds, which exhaust gases are exposed to an alkaline compound such as Ca(OH)₂ which is reacted with and therefore neutralizes the acidifying compounds. The invention is characterized in that ash comprising CaO in a first step is mixed, in a container (101), with water, but not with the exhaust gases, and is heated so that CaO is transformed into Ca(OH)₂, and in that the hence formed Ca(OH)₂ in a second step is reacted with, and therefore neutralizes, the acidifying compounds in the exhaust gases.

IPC 8 full level

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