

Title (en)
FUMES PURIFICATION METHOD

Title (de)
VERFAHREN ZUR REINIGUNG VON RAUCHGASEN

Title (fr)
PROCÉDÉ DE PURIFICATION DE FUMÉES

Publication
EP 4237123 A1 20230906 (EN)

Application
EP 21815263 A 20211029

Priority
• IT 202000025957 A 20201030
• IB 2021060034 W 20211029

Abstract (en)
[origin: WO2022091022A1] A method of purification of fumes with condensable gaseous contaminants, including the steps of generating a flow of fumes to be treated in a heated area (2); generating a flow of cold fluid so that the air temperature is lower than that of the fumes to be treated; mixing the flow of cold fluid with the flow of the fumes to be treated to generate a mixture flow in which a condensation of the contaminants is induced and to force a nucleation of the condensed contaminants; conveying said mixture flow into an inertial separator unit for its purification.

IPC 8 full level
B01D 53/00 (2006.01); **A47J 36/38** (2006.01); **B01D 45/04** (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2022091022A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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KH MA MD TN

DOCDB simple family (publication)
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