Title (en)
NEURAL NETWORK-ENHANCED CONTAMINANT MEASUREMENTS

Title (de)
DURCH NEURONALES NETZWERK ERWEITERTE VERUNREINIGUNGSMESSUNGEN

Title (fr)
MESURES DE POLLUANT AUGMENTÉES PAR RÉSEAU DE NEURONES

Publication
EP 4416498 A1 20240821 (FR)

Application
EP 22801767 A 20221011

Priority
• FR 2110983 A 20211015
• EP 2022078306 W 20221011

Abstract (en)
[origin: WO2023062036A1] Method for enhancing measurements taken by a contaminant measurement sensor (1), the measurement sensor (1) being connected to a specialized remote server (3) comprising a neural network, the method comprising the following steps: - creating a trained neural model based on the neural network, and - for each measurement carried out by the measurement sensor (1): - measuring at least one raw datum using the measurement sensor (1), - sending the at least one raw datum to the specialized remote server (3), - enhancing the at least one raw datum using the trained neural model in order to obtain the measurement of the concentration of the contaminant.

IPC 8 full level
G01N 33/00 (2006.01); **F24F 11/48** (2018.01); **G01N 15/00** (2024.01)

CPC (source: EP)
F24F 11/48 (2018.01); **G01N 15/00** (2013.01); **G01N 33/0006** (2013.01); **G01N 33/0034** (2013.01); G01N 2015/0046 (2013.01)

Designated contracting state (EPC)
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KH MA MD TN

DOCDB simple family (publication)
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