

Title (en)
METHOD FOR DECONTAMINATION AND DECOMPOSITION OF POLYCHLOROBIPHENYLS (PCB'S)

Title (de)
VERFAHREN ZUR DEKONTAMINATION UND ZUM ABBAU VON PCBS

Title (fr)
PROCEDE POUR LA DECONTAMINATION ET LA DECOMPOSITION DES PCB

Publication
EP 1432477 B1 20100303 (FR)

Application
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Priority
FR 0101766 W 20010607

Abstract (en)
[origin: WO02098514A1] The invention concerns a decontamination method using vacuum distillation of PCB's at temperature less than 500 DEG C in a vessel (1), and optionally heat treatment of the distillate in a mass furnace (12) under inert gas and in the absence of oxygen, at a temperature higher than 1200 DEG C, preferably in the form of submicronic micelles obtained by means of an ultrasonic transducer (11), as well as basic neutralisation in a chamber (15) of the gaseous chlorine generated by the decomposition of the PCB molecule, and subsequent thermal decomposition in a combustion tube (17) of the chlorine-free gaseous by-products.

IPC 8 full level
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CPC (source: EP)
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