

Title (en)
METHOD FOR PROCESSING OF BY-PRODUCTS OF THE REFINING OF OILS AND FATS

Publication
EP 0096946 A3 19840815 (EN)

Application
EP 83201189 A 19830216

Priority
NL 8200650 A 19820218

Abstract (en)
[origin: EP0096946A2] To avoid environmental objections in discarding by-products of refining and processing of fatty oils, fats or mineral oils, or other materials, especially those containing alkali metal ions or salts, such by-products are combusted with excess air or oxygen, preferably in a fluidized bed oven, using a bed material having a low silicon content, particularly those consisting mainly of titanium, calcium and/or aluminium oxides, at 600-950 DEG C, preferably 800-850 DEG C. The organic materials in the by-products are thereby converted into products which can be discharged without problems: the exhaust gases contain only low amounts of carbon monoxide and nitrogen oxides. By passing the combustion gases through a heat-exchanger, the heat generated can be used. e.g. to preheat the excess air for the process or to generate steam or heated water, which can be used economically in other parts of the plant. The process is particularly suitable for the combustion of soapstock, the water content of which has been reduced, e.g. by evaporation, if necessary.

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F23G 7/00; **F23G 5/00**

IPC 8 full level
F23G 5/30 (2006.01); **F23G 5/46** (2006.01); **F23G 7/05** (2006.01)

CPC (source: EP)
F23G 5/30 (2013.01); **F23G 5/46** (2013.01); **F23G 7/05** (2013.01)

Citation (search report)
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