

Title (en)

PROCESS AND PLANT FOR DEODORIZING AND/OR DEACIDIFYING RELATIVELY SMALL INTERMITTENT VOLUMES OF HIGH BOILING LIQUIDS

Publication

EP 0208014 B1 19890322 (DE)

Application

EP 85110610 A 19850823

Priority

DE 3524656 A 19850710

Abstract (en)

[origin: US4810330A] Deodorizing and/or physical refining of relatively small, varying charges of high-boiling liquids, viz. fatty acids, edible oils, fats, glycerides and other high-boiling esters, is conducted continuously in a single-stage or multi-stage falling-film column (20) through the trickle passages (23) of which stripping steam is passed in counter-current flow. In the supply conduit (15, 15', 15", 15'") leading to the falling-film column and in the discharge conduit (30, 30', 30", 30'") leading away from the bottom (26) of the falling-film column a plug-flow of the liquid is maintained. Upon a change of charge the fresh liquid to be treated is normally introduced into the supply conduit-without any blank charge-directly following the liquid of the preceding charge. Charging of the liquid onto the deflector (22) in the head (21) of the falling-film column is interrupted for a short period of time when the front of the liquid of the fresh charge has reached a check valve (16) disposed adjacent said deflector.

IPC 1-7

C11B 3/14

IPC 8 full level

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CPC (source: EP US)

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