

Title (en)

Process for the treatment of halogenated hydrocarbons.

Title (de)

Verfahren zur Behandlung von halogenierten Kohlenwasserstoffen.

Title (fr)

Procédé de traitement d'hydrocarbures halogénés.

Publication

EP 0643123 A3 19950823 (EN)

Application

EP 94308591 A 19941121

Priority

- EP 94308591 A 19941121
- CN 94118716 A 19941121

Abstract (en)

[origin: EP0643123A2] Halogenated organic waste streams (1) are treated by catalytic halogenation (2) in admixture with a hydrogen-rich, gaseous recycle stream (7) and a recycle stream (14) containing unreacted halogenated organic compounds. The resultant effluent (3) is condensed (4) and separated (6) to produce said gaseous recycle stream (7) and a liquid stream (8) containing hydrogenated hydrocarbonaceous compounds and hydrogen halide. Said liquid stream (8) is separated (9) into an anhydrous product stream (10) containing hydrogen halide and a stream (11) containing hydrogenated hydrocarbonaceous compounds and unreacted halogenated organic compounds. Said stream (11) is separated (12) into a product stream (13) comprising hydrogenated hydrocarbonaceous compounds and the recycle stream (14) containing unreacted halogenated organic compounds.

IPC 1-7

C10G 45/00

IPC 8 full level

C07C 1/26 (2006.01); **C10G 45/02** (2006.01)

CPC (source: EP)

C10G 45/00 (2013.01); **C10G 45/02** (2013.01)

Citation (search report)

- [DX] US 5316663 A 19940531 - JAMES JR ROBERT B [US]
- [A] DE 3623430 A1 19880128 - VEBA OEL ENTWICKLUNGS GMBH [DE]

Cited by

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EP 0643123 A2 19950315; **EP 0643123 A3 19950823**; CN 1123268 A 19960529

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