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9 Process for the treatment of halogenated hydrocarbons.

(57) 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.



EUROPEAN SEARCH REPORT

Application Number EP 94 30 8591

DOCUMENTS CONSIDERED TO BE RELEVAN' Category Citation of document with indication, where appropriate,			Relevant	CLASSIFICATION OF THE
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D,X	US-A-5 316 663 (UOP) * claims 1-8 * * column 4, line 5 - 1		l-10	C10G45/00 A62D3/00
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				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
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