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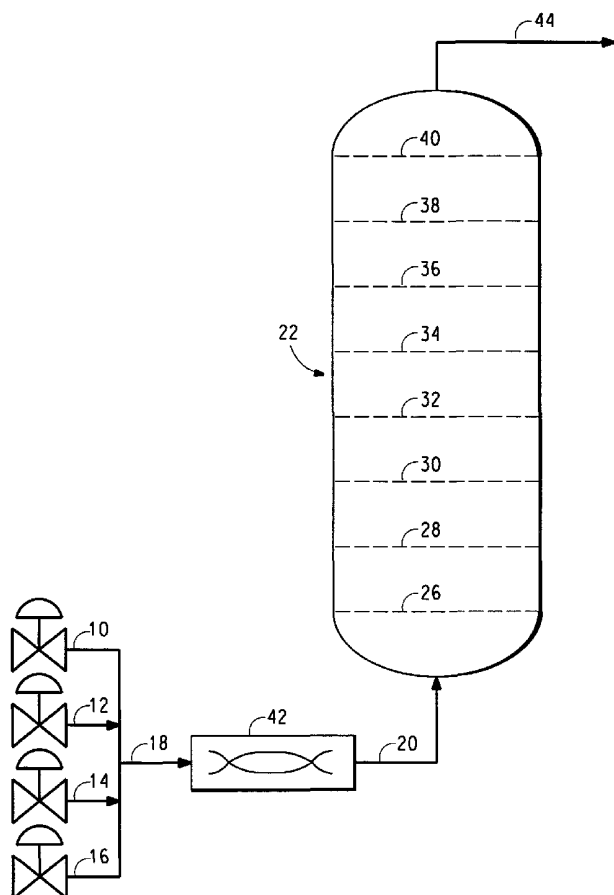
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(54) Title: PROCESS FOR DEHYDROHALOGENATION OF HALOGENATED COMPOUNDS



(57) Abstract: Halogenated compounds are dehydrohalogenated in a multi-stage bubble reactor wherein agitation of the reactor contents is provided by in situ generation and vaporization of reaction product having a boiling point lower than that of the reactants.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 01/25816

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C17/25 C07C21/18 C07C21/20 C07C21/21

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 732 316 A (BAYER AG) 18 September 1996 (1996-09-18) the whole document	1,5,11, 13
A	US 2 430 016 A (HEARNE GEORGE W ET AL) 4 November 1947 (1947-11-04) the whole document	1,5,11, 13



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Z document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0732316	A	18-09-1996	DE 19509298 A1	19-09-1996
			EP 0732316 A1	18-09-1996
			JP 8245439 A	24-09-1996
US 2430016	A	04-11-1947	NONE	