

Title (en)  
PROCESS FOR CLEANING ARTICLES

Title (de)  
VERFAHREN ZUM REINIGEN VON GEGENSTÄNDEN

Title (fr)  
PROCEDE DE NETTOYAGE D'ARTICLES

Publication  
**EP 0913464 A4 19990901 (EN)**

Application  
**EP 97924236 A 19970528**

Priority  
• JP 9701807 W 19970528  
• JP 15909696 A 19960530

Abstract (en)  
[origin: WO9745521A1] A process for cleaning which comprises (1) cleaning articles to be cleaned with a cleaning solvent comprising a hydrocarbon as the main component, (2) rinsing the resulting article having the cleaning solvent adherent thereto with a rinsing solvent comprising a hydrofluorocarbon as the main component, and (3) separating the discharge from the rinsing step comprising the rinsing solvent and the hydrocarbon as contaminant into two phases, characterized by using as the rinsing solvent a cyclic hydrofluorocarbon wherein the number of fluorine atoms is larger than that of hydrogen atoms.

IPC 1-7  
**C11D 7/50**; **C11D 7/30**; **B08B 3/08**; **C23G 5/028**

IPC 8 full level  
**B08B 3/08** (2006.01); **C11D 7/50** (2006.01); **C11D 11/00** (2006.01); **C23G 5/02** (2006.01); **C11D 7/24** (2006.01); **C11D 7/28** (2006.01)

CPC (source: EP KR)  
**B08B 3/08** (2013.01 - EP); **C11D 7/50** (2013.01 - KR); **C11D 7/5018** (2013.01 - EP); **C11D 7/5027** (2013.01 - EP); **C23G 5/02** (2013.01 - EP); **C11D 7/24** (2013.01 - EP); **C11D 7/28** (2013.01 - EP); **C11D 2111/10** (2024.01 - EP); **C11D 2111/44** (2024.01 - EP); **C11D 2111/48** (2024.01 - EP)

Citation (search report)  
• [DXY] WO 9505448 A1 19950223 - DAIKIN IND LTD [JP], et al & EP 0670365 A1 19950906 - DAIKIN IND LTD [JP]  
• [Y] WO 9428196 A1 19941208 - ALLIED SIGNAL INC [US]  
• See references of WO 9745521A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
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