

Title (en)
PROCESS AND APPARATUS FOR TREATING OBJECTS WITH SOLVENTS IN A CLOSED VESSEL

Publication
EP 0302313 B1 19911211 (DE)

Application
EP 88111774 A 19880721

Priority
DE 3725565 A 19870801

Abstract (en)
[origin: WO8901057A1] A process, in particular for stripping paint and dirt from objects, offers the advantages of a solvent treatment without the disadvantages of environmental pollution. This is essentially achieved by adding to an azeotropic mixture in a closed treatment container a treatment mixture composed of at least one main fraction of solvent with an excess of water and heating the treatment mixture to boiling. The treatment mixture is then removed from the container. Any residual solvent is azeotropically distilled from the system with water and removed before the container is opened.

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B44D 3/24; **C23G 5/02**; **C23G 5/04**

IPC 8 full level
B08B 3/08 (2006.01); **B44D 3/16** (2006.01); **B44D 3/24** (2006.01); **C23G 5/02** (2006.01); **C23G 5/028** (2006.01); **C23G 5/04** (2006.01)

CPC (source: EP KR US)
B44D 3/16 (2013.01 - EP US); **B44D 3/24** (2013.01 - EP US); **C23G 5/02** (2013.01 - EP KR US); **C23G 5/02806** (2013.01 - EP US)

Citation (examination)
METALS HANDBOOK, vol. 5, 9th edition, Seite 48, Fig.3 (American Soc. for Metals, Ohio, US) 1982

Cited by
EP0416763A1; WO9624704A1; WO9618511A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0302313 A1 19890208; **EP 0302313 B1 19911211**; AT E70315 T1 19911215; BR 8807154 A 19891017; DE 3725565 A1 19890216; DE 3866820 D1 19920123; ES 2027351 T3 19920601; GR 3003993 T3 19930316; JP H02500178 A 19900125; KR 890701799 A 19891221; KR 950014078 B1 19951121; US 5011542 A 19910430; WO 8901057 A1 19890209

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