

Title (en)

Process for degreasing and cleaning material covered with greasy and/or oily substances.

Title (de)

Verfahren zur schonenden Entfettung und Reinigung von mit fett- und/oder Ölhaltigen Stoffen behaftetem Gut.

Title (fr)

Procédé de dégraissage et de nettoyage d'un matériau recouvert de produits gras et/ou huileuse.

Publication

**EP 0639658 A3 19950419 (DE)**

Application

**EP 94117579 A 19920506**

Priority

- DE 4136990 A 19911111
- EP 92107605 A 19920506

Abstract (en)

[origin: EP0541892A2] The invention is characterised in that the material to be cleaned is heated under vacuum conditions in a process chamber in such a way that the greases and/or oils, depending on their physical state can be separated off from the material. Alternatively, a further variation of the cleaning process is specified, in which the material to be cleaned is placed in a vacuum chamber. In a first cleaning step, the greases and/or oils adhering to the material to be cleaned are impinged with a solvent similar to their consistency and the mixture forming of solvent and detached greases or oils is fed to an evaporator. In a second cleaning step, the steam forming at the evaporator is fed to the material, on the surface of which the steam condenses and, forming a condensate, disposes of the residual contamination. In a third cleaning step, the steam is fed to a condenser, the condensate obtained from which is in turn fed to the cleaning process as a solvent and in a fourth cleaning step, the vacuum chamber is further evacuated in such a way that residual solvent vapours are completely removed. <IMAGE>

IPC 1-7

**C23G 5/02; B08B 7/00**

IPC 8 full level

**B08B 7/00** (2006.01); **C23G 5/00** (2006.01); **C23G 5/02** (2006.01); **C23G 5/024** (2006.01); **C23G 5/04** (2006.01)

CPC (source: EP)

**B08B 7/0071** (2013.01); **C23G 5/00** (2013.01); **C23G 5/02** (2013.01); **C23G 5/024** (2013.01)

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DOCDB simple family (application)

**EP 92107605 A 19920506**; DE 4136990 A 19911111; DE 59208210 T 19920506; EP 94117579 A 19920506