

Title (en)

PROCESS OF DE-OILING AND CLEANING MATERIAL COVERED WITH GREASY AND/OR OILY SUBSTANCES

Publication

EP 0541892 A3 19930616 (DE)

Application

EP 92107605 A 19920506

Priority

DE 4136990 A 19911111

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>

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C23G 5/00; C23G 5/024

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