

Title (en)
CLEANING PROCESS FOR METAL ELEMENTS OF CATHODE RAY TUBES

Publication
EP 0271135 B1 19930127 (DE)

Application
EP 87202251 A 19871118

Priority
DE 3639657 A 19861120

Abstract (en)
[origin: EP0271135A1] The metal elements have hitherto been degreased by washing with halogenated hydrocarbons. These degreasing agents pollute the environment. The novel process should be non-polluting and clean the metal elements so thoroughly that they are suitable for high vacuum use. <??>The metal elements (12) to be cleaned are heated for 5 to 45 minutes to 500-800 DEG C in a reducing atmosphere, preferably in a continuous furnace (1) which is structurally joined to a blackening furnace (2). <??>The process allows easy, reproducible, non-hazardous and non-polluting cleaning. After combustion of the waste gases, the emissions consist only of carbon dioxide and water. <??>Figure 2 shows equipment for carrying out the process. <IMAGE>

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C23C 8/14; **C23G 5/00**; **H01J 9/14**

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B08B 7/00 (2006.01); **C23C 8/14** (2006.01); **C23C 8/16** (2006.01); **C23G 5/00** (2006.01); **H01J 9/14** (2006.01)

CPC (source: EP US)
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