

Title (en)

Method and apparatus for removing oil from articles.

Title (de)

Verfahren und Vorrichtung zum Entfernen von Öl von Gegenständen.

Title (fr)

Procédé et dispositif pour enlever de l'huile d'articles.

Publication

EP 0554026 A1 19930804 (EN)

Application

EP 93300500 A 19930125

Priority

JP 1210292 A 19920127

Abstract (en)

An apparatus for removing oil adhering to article (1) is provided with a sealed chamber (2), a vacuum pump (5), a gas feeding pipe (6), a radiant tube burner (4), a burner (8), an oil mist trap (16), and a condenser (7) if necessary. The oil adhering to the article (1) is evaporated and removed from the article (1) by being heated with the radiant tube burner (4) in replacer gas selected between non-oxidative gas and slightly oxidative gas, and the evaporated oil contained in the replacer gas is recovered by the condenser (7) or burned completely at the burner (8) together with burnable components contained in the replacer gas and impossible to be condensed by the condenser (7). <IMAGE>

IPC 1-7

C23G 5/00

IPC 8 full level

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

CPC (source: EP)

C23G 5/00 (2013.01)

Citation (search report)

- [X] US 4141373 A 19790227 - KARTANSON JOHN M, et al
- [AP] US 5137581 A 19920811 - TAKAHASHI TSUNEO [JP]
- [AD] JP S6071077 A 19850422 - KABASAWA HITOSHI

Cited by

US5925194A; EP0748882A1; US5762717A; US7018483B2; WO03106059A1; WO9516807A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0554026 A1 19930804; JP H05200371 A 19930810

DOCDB simple family (application)

EP 93300500 A 19930125; JP 1210292 A 19920127