

Title (en)

Method and device to remove a liquid residue from equipment of water carrying vehicles

Title (de)

Verfahren und Vorrichtung zum Entfernen von Restflüssigkeit aus Anlagenteilen Wasserführender Fahrzeuge

Title (fr)

Méthode et dispositif pour retirer un résidu liquide d'équipement de véhicules transportant de l'eau

Publication

**EP 1043453 A3 20001129 (DE)**

Application

**EP 00250113 A 20000404**

Priority

DE 19916420 A 19990408

Abstract (en)

[origin: DE19916420C1] Residual fluid is removed from lines and plant by a forcible flow of air and the lines at the same time dried inside. The air is generated by a multi-cell compressor (9) or by means of underpressurizing the compressor in the vessel sludge tank (10). The air is preheated by heat exchanger or auxiliary heater and the fluid is run off to atmosphere or to the sludge tank using a multi-way valve (11) in the air line to stop off the tank. An additional line (12) feeds preheated air to the connected valve (11). An additional multi-way valve close to the four-way valve (4) is built into an additional preheated air line.

IPC 1-7

**E03F 7/10**

IPC 8 full level

**E03F 7/10** (2006.01)

CPC (source: EP)

**E03F 7/10** (2013.01)

Citation (search report)

- [XA] US 5522543 A 19960604 - HERZOG WILLIAM E [US]
- [A] DE 2824422 A1 19791206 - FIMAT HANDELS U BETEILIGUNGS G

Cited by

CN110067303A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19916420 C1 20000831**; EP 1043453 A2 20001011; EP 1043453 A3 20001129

DOCDB simple family (application)

**DE 19916420 A 19990408**; EP 00250113 A 20000404