

Title (en)

Machine for recovering and refilling refrigerant fluid, particularly for aeronautic use

Title (de)

Maschine zur Rückgewinnung und Auffüllung einer K hlfl ssigkeit, insbesondere zur Luftfahrtverwendung

Title (fr)

Machine pour r cup rer et remplir du fluide r frig rant, en particulier pour une utilisation a ronautique

Publication

EP 2381194 A3 20140416 (EN)

Application

EP 11157687 A 20110310

Priority

IT MI20100097 U 20100330

Abstract (en)

[origin: EP2381194A2] A machine (1) for recovering and refilling refrigerant fluid, particularly for aeronautic use, comprising means of connection (70) with the outside environment (100, 101) which are associated with a main line (75) that is connected, by means of a refill line (18) and by means of a recovery line (38), with a container (10) that is adapted to contain a refrigerant fluid, on the recovery line (38) a first filter (40) and a still (30) being provided for separating the contaminants and solid particles that are present in the refrigerant fluid, the machine (1) comprising, on the recovery line (38), a dry compressor (41) which defines a suction portion (34) for the suction of the refrigerant fluid from the main line (75) and a pressure portion (42) in order to send the refrigerant fluid into the container (10).

IPC 8 full level

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CPC (source: EP)

F25B 43/00 (2013.01); **F25B 45/00** (2013.01); **F25B 2345/001** (2013.01); **F25B 2345/002** (2013.01); **F25B 2345/0052** (2013.01); **F25B 2345/007** (2013.01)

Citation (search report)

- [I] US 5361594 A 19941108 - YOUNG ROBERT E [US]
- [I] US 4805416 A 19890221 - MANZ KENNETH W [US], et al
- [I] US 5709091 A 19980120 - TODACK JAMES JOSEPH [US]
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Cited by

CN105251243A; CN104236183A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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