

Title (en)
DEVICE FOR EVACUATING COOLING UNITS

Publication
EP 0386592 B1 19920102 (DE)

Application
EP 90103822 A 19900227

Priority
DE 8902602 U 19890304

Abstract (en)
[origin: US5031414A] Discarded refrigerators, freezers and like cooling units are relieved of confined supplies of coolant and/or lubricant by transporting them onto a tiltable platform which attracts the cooling units by suction and tilts them until the freshly tapped portion of the normally closed circuit for coolant or lubricant is located at the lowermost point of the circuit. The lubricant or coolant can be evacuated by a pump by way of a conduit which is connected to a tapping tool and discharges into a vessel. Alternatively, the coolant or lubricant is caused to flow from the tapped circuit by gravity to gather in a vessel beneath the tiltable platform. The transporting system for cooling units can employ trolleys and winches with suction cups which lift discarded cooling units from the gathering point for discarded cooling units and remove cooling units from the platform when the lubricant- or coolant-evacuating operation is completed. Several apparatus can be mounted in a common vehicle for transport to and from the locale which is selected for manipulation of discarded cooling units.

IPC 1-7
F25B 45/00

IPC 8 full level
B66C 1/02 (2006.01); **B66C 7/02** (2006.01); **F25B 45/00** (2006.01)

CPC (source: EP US)
B66C 1/0212 (2013.01 - EP US); **B66C 1/0243** (2013.01 - EP US); **B66C 1/0256** (2013.01 - EP US); **B66C 1/0262** (2013.01 - EP US); **B66C 7/02** (2013.01 - EP US); **F25B 45/00** (2013.01 - EP US); **F25B 2345/002** (2013.01 - EP US); **F25B 2345/005** (2013.01 - EP US)

Cited by
EP0890542A3; EP0890542A2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
US 5031414 A 19910716; AT E71214 T1 19920115; CA 2011379 A1 19900904; CA 2011379 C 19931012; DE 59000027 D1 19920213; DE 8902602 U1 19890511; DK 0386592 T3 19920203; EP 0386592 A1 19900912; EP 0386592 B1 19920102; ES 2028484 T3 19920701; GR 3003714 T3 19930316; HU 209203 B 19940328; HU 901269 D0 19900528; HU T56944 A 19911028

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US 48702990 A 19900228; AT 90103822 T 19900227; CA 2011379 A 19900302; DE 59000027 T 19900227; DE 8902602 U 19890304; DK 90103822 T 19900227; EP 90103822 A 19900227; ES 90103822 T 19900227; GR 920400149 T 19920204; HU 126990 A 19900302