

Title (en)
Device for cleaning runways

Title (de)
Vorrichtung zum Reinigen von Startbahnen

Title (fr)
Dispositif de nettoyage de pistes d'envol

Publication
EP 0318074 B2 19960320 (EN)

Application
EP 88202385 A 19881026

Priority
NL 8702856 A 19871127

Abstract (en)
[origin: EP0318074A1] Tire marks on airport runways can form an impenetrable layer which prevents water from draining away when there is heavy rain. To remove this rubber deposit a device is employed comprising one or more nozzles which are connected by means of a pipe to a source for pressurized water, a circulation system which is movable with the nozzles and which is at least provided with a water tank (30), a pump unit (32) connected thereto for raising the water to very high pressure, a hood (5) with suction line (8) fitted round the nozzles, filter means for removing solids from the water extracted from the hood, and a return pipe to the tank (30). In order to get a very effective removing of almost all particles from the water the device is fitted with a cyclone (9) for the extraction of air, a filter (15) for coarse lumps connected to the cyclone, at least one bag-type filter (22, 23) for particles larger than 3 μ m and an activated carbon filter (28) for small particles.

IPC 1-7
E01H 1/10

IPC 8 full level
E01H 1/10 (2006.01)

CPC (source: EP)
E01H 1/103 (2013.01)

Cited by
FR2704781A1; CN113245160A; EP0557720A1; DE9314896U1; DE10037548A1; DE10037548C2; DE4404230A1; DE29514554U1; DE10042042C1; EP0617173A1; FR2703088A1; EP0773327A1; DE19541887A1; FR2655072A1; GB2465675B; WO0210518A1; US6594855B2; WO0020693A1; WO2010061222A1

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

DOCDB simple family (publication)
EP 0318074 A1 19890531; EP 0318074 B1 19910403; EP 0318074 B2 19960320; AT E62291 T1 19910415; DE 3862290 D1 19910508; DK 163437 B 19920302; DK 163437 C 19920720; DK 659788 A 19890528; DK 659788 D0 19881125; ES 2021826 B3 19911116; GR 3001773 T3 19921123; NL 8702856 A 19890616

DOCDB simple family (application)
EP 88202385 A 19881026; AT 88202385 T 19881026; DE 3862290 T 19881026; DK 659788 A 19881125; ES 88202385 T 19881026; GR 910400478 T 19910411; NL 8702856 A 19871127