Title (en)

MULTI-STAGE FILTERING DEVICE

Title (de)

MEHRSTUFIGE FILTERVORRICHTUNG

Title (fr)

DISPOSITIF DE FILTRAGE A PLUSIEURS ETAGES

Publication

EP 1093392 A1 20010425 (DE)

Application

EP 99907630 A 19990313

Priority

- DE 29804541 U 19980313
- EP 9901658 W 19990313

Abstract (en)

[origin: WO9947234A1] The invention relates to a filtering device, especially for cleaning dielectric operating fluids in spark erosion machines. Said device comprises at least one fine-filtering unit (7) which has an inlet (8) for the unfiltered fluid and an outlet (9) for the filtrate. Upstream of the fine-filtering unit a regenerable prefiltering unit (3, 45) is positioned, which comprises an inlet (2) for the unfiltered fluid, a filtrate outlet (4) connected to the unfiltered fluid inlet of the fine-filtering unit and an outlet (5) for impurities.

IPC 1-7

B01D 29/68; B01D 29/15; B23H 1/10

IPC 8 full level

B01D 29/15 (2006.01); **B01D 33/067** (2006.01); **B01D 36/02** (2006.01)

CPC (source: EP)

B01D 29/15 (2013.01); **B01D 29/688** (2013.01); **B01D 29/70** (2013.01); **B01D 33/067** (2013.01); **B01D 33/073** (2013.01); **B01D 33/503** (2013.01); **B01D 36/02** (2013.01)

Citation (search report)

See references of WO 9947234A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 29804541 U1 19980520; EP 1093392 A1 20010425; TW 452519 B 20010901; WO 9947234 A1 19990923

DOCDB simple family (application)

DE 29804541 U 19980313; EP 9901658 W 19990313; EP 99907630 A 19990313; TW 88104004 A 19990315