

Title (en)
SELF-CONTAINED FILTER UNIT.

Title (de)
SELBSTTRAGENDER FILTERKÖRPER.

Title (fr)
CORPS AUTONOMES DE FILTRAGE.

Publication
EP 0327603 A1 19890816 (DE)

Application
EP 88904468 A 19880519

Priority
DE 3719233 A 19870609

Abstract (en)
[origin: DE3719233A1] A self-contained machinable filter unit for purifying tap water comprises particles of activated charcoal in powder form and particles of a thermoplastic binder, which are bound to the activated carbon particles under the effect of pressure and heat. The particles of the binder have a nodular, non-spherical form and consist of a substance which becomes viscous and elastic when heated.

Abstract (fr)
Un corps autonome et usinable pour l'épuration de l'eau se compose de particules de charbon actif pulvérulent et de particules d'un liant thermoplastique reliées sous pression et sous l'effet de la chaleur aux particules de charbon actif. Les particules du liant ont une forme noduleuse, essentiellement non-sphérique et se composent d'une substance qui devient visqueuse et élastique lorsqu'elle est chauffée.

IPC 1-7
B01J 20/28; **C02F 1/28**; **C02F 1/50**

IPC 8 full level
B01D 39/00 (2006.01); **B01D 39/20** (2006.01); **B01J 20/28** (2006.01); **C02F 1/28** (2006.01)

CPC (source: EP)
B01D 39/00 (2013.01); **B01D 39/2062** (2013.01); **B01J 20/28016** (2013.01); **B01J 20/2803** (2013.01); **B01J 20/28057** (2013.01); **C02F 1/283** (2013.01); **C02F 1/288** (2013.01); **B01D 2239/0407** (2013.01); **B01D 2239/0442** (2013.01); **B01D 2239/086** (2013.01); **B01D 2239/1241** (2013.01); **B01D 2239/125** (2013.01)

Citation (search report)
See references of WO 8809770A1

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

DOCDB simple family (publication)
DE 3719233 A1 19881222; AU 1729888 A 19890104; EP 0327603 A1 19890816; WO 8809770 A1 19881215

DOCDB simple family (application)
DE 3719233 A 19870609; AU 1729888 A 19880519; DE 8800296 W 19880519; EP 88904468 A 19880519