

Title (en)  
CLEANING LIQUID CONTAINER

Title (de)  
REINIGUNGSFLÜSSIGKEITSBEHÄLTER

Title (fr)  
CONTENANT DESTINE A UN LIQUIDE DE NETTOYAGE

Publication  
**EP 1646298 B1 20100825 (DE)**

Application  
**EP 04739717 A 20040609**

Priority  
• EP 2004006197 W 20040609  
• DE 10332385 A 20030717

Abstract (en)  
[origin: US2006169306A1] The invention aims at improving a cleaning fluid container ( 3 ) for a cleaning device (RV) for personal needs, in particular for cleaning a shaving head (SK) of a dry shaving apparatus (R), with a housing ( 20 ), with an inlet port ( 15 ) provided on the housing ( 20 ) to admit cleaning fluid ( 11 ), with an outlet port ( 14 ) equally provided on the housing ( 20 ) to discharge the cleaning fluid ( 11 ), and with a filter element (F), said filter element (F) being provided with filter pores for filtering out solid particles, particularly hair particles, and being arranged in a flow area between the inlet port ( 15 ) and the outlet port ( 14 ), in a manner enabling the pump capacity to be significantly reduced or the service life of a cartridge (K) to be substantially increased. This is accomplished in that the filter element (F) has pores of a size causing part of the particles to penetrate the filter element (F) according to their size.

IPC 8 full level  
**A45D 27/46** (2006.01); **B01D 27/04** (2006.01); **B08B 3/14** (2006.01)

CPC (source: EP US)  
**A45D 27/46** (2013.01 - EP US); **B08B 3/14** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2006169306 A1 20060803; US 7409960 B2 20080812**; AT E478581 T1 20100915; DE 10332385 A1 20050217;  
DE 502004011580 D1 20101007; EP 1646298 A1 20060419; EP 1646298 B1 20100825; JP 2007526790 A 20070920; JP 4472698 B2 20100602;  
WO 2005016061 A1 20050224

DOCDB simple family (application)  
**US 33310306 A 20060117**; AT 04739717 T 20040609; DE 10332385 A 20030717; DE 502004011580 T 20040609; EP 04739717 A 20040609;  
EP 2004006197 W 20040609; JP 2006519781 A 20040609