

Title (en)
ROLLED THREADED FILTER BOWL

Title (de)
GEROLLTER SCHRAUBFILTERTROG

Title (fr)
CUVE DE FILTRE A FILETAGE ROULE

Publication
EP 0912224 A4 19990901 (EN)

Application
EP 97900859 A 19970103

Priority
• US 9700027 W 19970103
• US 1672496 P 19960502

Abstract (en)
[origin: WO9740911A1] A filter bowl (8) is disclosed. The filter bowl (8) includes an elongated canister having an open end (16), a closed end and a wall having an exterior surface (26), the exterior surface (26) having a plurality of rolled threads (24). The exterior surface (26) includes an unthreaded portion (28) disposed between the open end (16) and the plurality of rolled threads (24). The filter bowl (8) is preferably made of steel and is produced in a process including the steps of: 1) deep drawing the elongated canister, and 2) rolling threads onto the exterior surface of the canister.

IPC 1-7
B01D 27/08

IPC 8 full level
B01D 27/08 (2006.01); **B01D 35/30** (2006.01)

CPC (source: EP KR)
B01D 27/08 (2013.01 - KR); **B01D 35/30** (2013.01 - EP KR)

Citation (search report)
• [XY] US 3000506 A 19610919 - HULTGREN WILLIAM H
• [XY] US 3256989 A 19660621 - HULTGREN WILLIAM H
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• [XY] US 5293765 A 19940315 - NUSSBAUM-POGACNIK THOMAS E [CH]
• [Y] GB 2121696 A 19840104 - CHARLTON WILLIAM SYDNEY
• See references of WO 9740911A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9740911 A1 19971106; AU 1357397 A 19971119; BR 9709173 A 20000111; CA 2253360 A1 19971106; CN 1080132 C 20020306; CN 1216935 A 19990519; EP 0912224 A1 19990506; EP 0912224 A4 19990901; HK 1020021 A1 20000310; JP 2000503590 A 20000328; JP 3274473 B2 20020415; KR 20000065161 A 20001106; TW 344668 B 19981111

DOCDB simple family (application)
US 9700027 W 19970103; AU 1357397 A 19970103; BR 9709173 A 19970103; CA 2253360 A 19970103; CN 97194320 A 19970103; EP 97900859 A 19970103; HK 99105265 A 19991115; JP 53885097 A 19970103; KR 19980708780 A 19981030; TW 86105866 A 19970502