

Title (en)  
ARRANGEMENT IN AN OIL FILTER

Title (de)  
ÖLFILTERANORDNUNG

Title (fr)  
AGENCEMENT D'UN FILTRE A HUILE

Publication  
**EP 1059981 A1 20001220 (EN)**

Application  
**EP 99908062 A 19990304**

Priority

- SE 9900329 W 19990304
- SE 9800667 A 19980304

Abstract (en)  
[origin: WO9944714A1] The invention relates to an arrangement in an oil filter (1) for a machine with a centralised lubrication system, for example an internal combustion engine. The filter comprises a cylindrical container enclosing a filter material (2), one end (1b) of the container having a peripheral seal (1b1) arranged in an end section of the container wall (1a), and a central threaded sleeve (1b2) serving as outlet for oil that has passed through the oil filter (1). Furthermore there is between the sleeve (1b2) and the seal (1b1) at least one inlet opening (1b3) for oil which is to be filtered. The end (1b) comprises a circular plate (6). The sleeve (1b2) engages with or forms an integral part of the plate (6), which in turn at its periphery bears against the end section (1a2) of the container wall (1a) on that side of the said end section opposite the seal (1b1). The plate (6) has a pattern which is formed by ridges extending essentially radially with intervening channels. In this connection a peripheral part of the tops of the ridges is engaged in the bearing against the end section (1a2) of the container wall (1a) and the channels form inlet openings (1b3) for the oil.

IPC 1-7  
**B01D 27/08**

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

IPC 8 main group level  
**B01D** (2006.01)

CPC (source: EP SE)  
**B01D 27/06** (2013.01 - EP); **B01D 27/08** (2013.01 - EP SE); **B01D 2201/316** (2013.01 - EP)

Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)  
**WO 9944714 A1 19990910**; AR 014678 A1 20010328; AU 2757599 A 19990920; CA 2322678 A1 19990910; EP 1059981 A1 20001220; SE 511654 C2 19991101; SE 9800667 D0 19980304; SE 9800667 L 19990905

DOCDB simple family (application)  
**SE 9900329 W 19990304**; AR P990100929 A 19990305; AU 2757599 A 19990304; CA 2322678 A 19990304; EP 99908062 A 19990304; SE 9800667 A 19980304