

Title (en)  
MEMBRANE ACCUMULATOR WITH SECURING RING.

Title (de)  
MEMBRANSPEICHER MIT BEFESTIGUNGSRING.

Title (fr)  
ACCUMULATEUR A MEMBRANE AVEC BAGUE DE FIXATION.

Publication  
**EP 0604445 B1 19951108 (DE)**

Application  
**EP 92916264 A 19920723**

Priority  
• DE 4131524 A 19910921  
• EP 9201679 W 19920723

Abstract (en)  
[origin: WO9306374A1] A hydraulic accumulator has a partition (12) arranged in a housing (10) that divides inside the housing (10) a liquid chamber (14) from a gas chamber (16) and that is retained by means of a retaining member (30) linked to a connecting member (32). In order to establish this connection, the retaining member (30) surrounds the connecting member (32) at least partially.

IPC 1-7  
**F15B 1/08**

IPC 8 full level  
**F15B 1/08** (2006.01); **F15B 1/14** (2006.01)

CPC (source: EP)  
**F15B 1/14** (2013.01); **F15B 2201/205** (2013.01); **F15B 2201/3151** (2013.01); **F15B 2201/3156** (2013.01); **F15B 2201/411** (2013.01);  
**F15B 2201/415** (2013.01); **F15B 2201/435** (2013.01); **F15B 2201/60** (2013.01)

Cited by  
DE10355435B3

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

DOCDB simple family (publication)  
**WO 9306374 A1 19930401**; AT E130076 T1 19951115; AU 2349992 A 19930427; CA 2105084 A1 19930322; CA 2105084 C 20030408;  
DE 4131524 A1 19930401; DE 59204279 D1 19951214; DK 0604445 T3 19960219; EP 0604445 A1 19940706; EP 0604445 B1 19951108;  
ES 2079199 T3 19960101; FI 932305 A0 19930519; FI 932305 A 19930519; JP 3179490 B2 20010625; JP H06510839 A 19941201;  
NO 302434 B1 19980302; NO 940988 D0 19940318; NO 940988 L 19940318

DOCDB simple family (application)  
**EP 9201679 W 19920723**; AT 92916264 T 19920723; AU 2349992 A 19920723; CA 2105084 A 19920723; DE 4131524 A 19910921;  
DE 59204279 T 19920723; DK 92916264 T 19920723; EP 92916264 A 19920723; ES 92916264 T 19920723; FI 932305 A 19930519;  
JP 50571193 A 19920723; NO 940988 A 19940318