

Title (en)  
FLUID TREATMENT ARRANGEMENT

Title (de)  
ANORDNUNG ZUR FLUSSIGKEITSBEHANDLUNG

Title (fr)  
DISPOSITIF DE TRAITEMENT DE FLUIDES

Publication  
**EP 0888161 A4 19990609 (EN)**

Application  
**EP 97914973 A 19970311**

Priority  
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Abstract (en)  
[origin: WO9733675A1] A fluid treatment arrangement includes a tube sheet (30) and a plurality of fluid treatment elements (60) sealed to the tube sheet (30). The fluid treatment arrangement is designed so that the fluid treatment elements (60) can be easily unsealed and removed from the tube sheet (30). According to one form of the invention, the arrangement may include an ejector mechanism (90) movable with respect to the tube sheet (30) into and out of contact with the fluid treatment elements (60). When the ejector mechanism (90) contacts the fluid treatment elements it can exert an axial force on the fluid treatment elements (60) to produce relative movement between the fluid treatment elements (60) and the tube sheet (30) by a sufficient distance to unseal the fluid treatment elements (60) from the tube sheet (30), making it easy to remove the fluid treatment elements (60) from the tube sheet (30). In preferred embodiments, the fluid treatment elements (60) comprise filter elements.

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Citation (search report)  
• [A] DE 4118432 A1 19921210 - PALL CORP [US]  
• [A] US 4210537 A 19800701 - BUTTERWORTH DONALD J [US], et al  
• See references of WO 9733675A1

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