

Title (en)  
HIGH-PRESSURE FLUID INJECTION CIRCUIT

Title (de)  
HOCHDRUCKFLUIDENEINSPRITZSYSTEM

Title (fr)  
CIRCUIT D INJECTION DE FLUIDE A HAUTE PRESSION

Publication  
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Application  
**EP 03735460 A 20030526**

Priority  
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Abstract (en)  
[origin: WO03100245A1] A fluid capable of generating pressure waves circulates inside a high-pressure fluid circuit. Said pressure waves can generate pressure peaks which can damage the high-pressure fluid circuit. According to the invention, a pressure wave attenuator (14) comprising a cylinder, a rod (22) and several plates (24) is provided in order to reduce the pressure waves and the pressure peaks. The plates (23) are disposed and embodied in such a way that a narrow passage inside the cylinder is permitted thereby. The narrow passage modifies the regular movement of fluid into an irregular movement of fluid, reducing the pressure peaks by 50 % of their initial value.

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