

Title (en)  
HYDRAULIC SYSTEM

Title (de)  
HYDRAULISCHES SYSTEM

Title (fr)  
PRESSE HYDRAULIQUE

Publication  
**EP 1979627 B1 20130410 (FR)**

Application  
**EP 06847165 A 20061218**

Priority  
• FR 2006051375 W 20061218  
• FR 0513073 A 20051221

Abstract (en)  
[origin: FR2895038A1] The hydraulic system (1), comprising a compression chamber (8) containing a piston (10) that travels along an axis (Z), has at least one seal (30) in undulating groove between the piston and compression chamber wall to compensate for non-axisymmetrical stresses. The compression chamber is located in the lower part of the system, which is connected by two long bolts to a plate (4), and the seal compensates for stresses created by the long bolts' reaction to the force applied by the piston against the plate, with the tops of the seal groove's undulations corresponding to the maximum distance from the base of the compression chamber.

IPC 8 full level  
**F15B 15/14** (2006.01)

CPC (source: EP US)  
**B30B 11/004** (2013.01 - EP US); **F15B 15/1419** (2013.01 - EP US); **F15B 15/1447** (2013.01 - EP US)

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