

Title (en)  
Hydraulic impact hammer

Title (de)  
Hydraulischer Schlaghammer

Title (fr)  
Marteau à coup hydraulique

Publication  
**EP 0522344 B1 19970827 (EN)**

Application  
**EP 92110512 A 19920622**

Priority  
FI 913311 A 19910709

Abstract (en)  
[origin: EP0522344A2] The invention relates to a hydraulic impact hammer, particularly to the housing structure of a hydraulic impact hammer, which structure comprises a hydraulically operated piston (7, 19) and a member (1, 11) for guiding the piston, an impact member (8, 20) and a member (2, 12) for guiding the impact member, the said structure being encased in a protective casing (6, 18). According to the invention, the piston-guiding member (1, 11) and the member (2, 12) guiding the impact member are made separate (3, 15) with respect to each other in order to prevent the proceeding of the tension wave reflected from the impact member (8, 20). However, the piston-guiding member (1, 11) and the member (2, 12) guiding the impact member are interconnected so that the piston-guiding member (1, 11) and the member (2, 12) guiding the impact member are both connected to at least one attenuating element (4, 5; 14, 16, 17). <IMAGE>

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CPC (source: EP)  
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Cited by  
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