

Title (en)  
HYDRAULIC CYLINDER FOR PRODUCING A VIBRATION, AND METHOD

Title (de)  
HYDRAULIKZYLINDER ZUR ERZEUGUNG EINER VIBRATION UND VERFAHREN

Title (fr)  
CYLINDRE HYDRAULIQUE POUR GÉNÉRER UNE VIBRATION ET PROCÉDÉ

Publication  
**EP 3302826 A1 20180411 (DE)**

Application  
**EP 16720722 A 20160504**

Priority  
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• EP 2016000736 W 20160504

Abstract (en)  
[origin: WO2016188608A1] The piston (20) of a hydraulic cylinder (9) for producing a vibration has a stepped piston structure (13) on both pressure-applying piston surfaces (12) running perpendicular to the cylinder axis (11), thus forming an annular first sealing surface (14) which is coaxial to the cylinder axis (11). A cylinder tube (22) has a stepped cylinder structure (15) that is mirror-inverted in relation to the stepped piston structure (13), thus forming an annular second sealing surface (16) that is coaxial to the cylinder axis (11). This allows the final movement of the piston stroke to be hydraulically damped.

IPC 8 full level  
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Citation (search report)  
See references of WO 2016188608A1

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