

Title (en)  
GEAR PUMP

Title (de)  
ZAHNRADPUMPE

Title (fr)  
POMPE À ENGRENAGES

Publication  
**EP 2550456 A2 20130130 (DE)**

Application  
**EP 11709925 A 20110318**

Priority  
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Abstract (en)  
[origin: WO2011117154A2] A gear pump is described with a plurality of gearwheels which engage into one another in order to convey a medium and are held rotatably in a pump housing. One of the gearwheels is driven by a pump shaft which can be coupled to a drive via a coupling end. In order, in particular at greatly fluctuating operating pressures, to obtain uniform conveying streams even in the case of changing load states within one revolution of the pump shaft, a brake ring is arranged according to the invention on the circumference of the pump shaft, which brake ring acts by way of at least one braking surface on a frictional surface of the pump shaft or on a frictional surface of the pump housing.

IPC 8 full level  
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Citation (search report)  
See references of WO 2011117154A2

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