

Title (en)  
HYDRAULIC GEROTOR MOTOR AND PARKING BRAKE FOR USE THEREIN

Publication  
**EP 0124299 B1 19890322 (EN)**

Application  
**EP 84302283 A 19840403**

Priority  
US 48197283 A 19830404

Abstract (en)  
[origin: EP0124299A2] A lock mechanism is disclosed for use in association with a gerotor displacement mechanism of the type including an internally-toothed ring (23) and an externally-toothed star (27). The lock mechanism includes a lock member (81) and an actuating mechanism (83) including a backup member (85) which engages the lock member and an actuator (89). The actuator is in threaded engagement with a boss portion (71) of the ring whereby rotation results in movement radially inwardly, forcing the lock member into its adjacent volume chamber (29) to engage one of the external teeth of the star and prevent further orbital and rotational movement of the star.

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IPC 8 full level  
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CPC (source: EP)  
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Cited by  
EP0190845A3; CN102168643A; IT201800008269A1; GB2328249A; GB2328249B; EP4276298A1; US9850898B2; US11598332B2; WO2020044320A1

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