

Title (en)  
INTERNAL JOINT PART OF A HOMOKINETIC CONSTANT VELOCITY JOINT

Title (de)  
GELENKINNENTEIL EINES HOMOKINETISCHEN GLEICHLAUFDREHGELENKS

Title (fr)  
PARTIE INTERIEURE DE JOINT ARTICULE ROTATIF HOMOCINETIQUE

Publication  
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Application  
**EP 06724752 A 20060506**

Priority  
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Abstract (en)  
[origin: WO2006125519A2] The invention relates to an internal joint part (2) of a homokinetic constant velocity joint (1), comprising an essentially hollow cylindrical fixing section (4). Three trunnions (6, 7, 8) project radially on the exterior of said section, the free end of each trunnion supporting a respective tripod roll (26) so that the latter can rotate and be axially displaced. To reduce self-induced oscillations and operating noise and to allow a deflection angle between the external joint part (3) and the internal joint part (3), a respective internal ring (11) is situated on the cylindrical trunnions (6, 7, 8), the exterior of each internal ring (11) carries an intermediate ring (12) that can be pivoted against the internal ring (11) and anti-friction bodies (13) are positioned between each external ring (10) and the respective intermediate ring (12).

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