

Title (en)

CAM RING FOR AN INJECTION PUMP

Title (de)

HUBRING FÜR EINE EINSPRITZPUMPE

Title (fr)

ANNEAU DE LEVAGE POUR UNE POMPE D'INJECTION

Publication

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Application

**EP 06762579 A 20060714**

Priority

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Abstract (en)

[origin: WO2007009664A1] The invention relates to a cam ring (2) for an injection pump for an internal combustion engine, comprising a round opening (4) for a shaft section, which can be eccentrically driven, and comprising a flattened outer section (6) against which a displacer element of the injection pump can be supported. A bush-shaped low-friction bearing means (12) for mounting the shaft section is provided inside the opening (4) of the cam ring (2). In order to reduce the problematic effects of pressing in the low-friction bearing means into the opening, the cam ring is designed so that the low-friction bearing means (12) comprise a polymer-based bearing coating material (14) with friction-reducing fillers, which is directly placed upon the surface (16) of the cam ring (2) that delimits the opening (4).

IPC 8 full level

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