

Title (en)
Surface treated rocker arm shaft

Title (de)
Oberflächenbehandelter Kipphebelschaft

Title (fr)
Gaine de culbuteur à surface traitée

Publication
EP 2078831 A2 20090715 (EN)

Application
EP 09150266 A 20090109

Priority
US 1993608 P 20080109

Abstract (en)
A shaft (2, 19, 24, 124, 224) for a rocker arm assembly (1, 20, 120, 220) is disclosed. The shaft includes a substantially cylindrical outer surface (26, 126, 226) at least a portion (29, 129, 229) of which defines a bearing surface (28, 128, 228) thereon and an interior core portion (32, 132, 232) located radially inward of the bearing surface. The bearing surface (28, 128, 228) has a hardness greater than that of the core portion (32, 132, 232), for providing wear resistance and deterring crack initiation and propagation.

IPC 8 full level
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F01L 1/053 (2013.01 - EP US); **F01L 1/18** (2013.01 - EP US); **F01L 2301/00** (2020.05 - EP US); **F01L 2303/00** (2020.05 - EP US)

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