

Title (en)
BURNISHING ROLLER HEAD

Title (de)
FESTWALZROLLENKOPF

Title (fr)
TETE DE CYLINDRES DE LAMINAGE

Publication
EP 1827760 B1 20081015 (DE)

Application
EP 04803534 A 20041204

Priority
EP 2004013824 W 20041204

Abstract (en)
[origin: WO2006058557A1] The invention relates to a burnishing roller head (10) for burnishing radii (28) or recesses which respectively laterally define the bearing seats of main and lifting journals (3, 4) of crankshafts (1) for motors of motor vehicles. Two disk-shaped and cylindrical burnishing rollers (11, 12) with the same diameter and approximately the same width are arranged parallel and at a mutual distance from each other in the housing (9) of the burnishing roller head (10) and are mounted in such a way that they can rotate about a common horizontal rotational axis (18) in the housing (9) of the burnishing roller head (10). Said burnishing rollers (11, 12) respectively comprise, on the outer peripheral edges (22) thereof opposing each other, a rotating rounded projection (21) which enlarges the diameter of the respective burnishing roller (11, 12) by a pre-determined measure (24), the axial width of the burnishing roller (11, 12) extending simultaneously over a section of the projection close to the edge.

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