

Title (en)
PROCESS AND APPARATUS FOR GRINDING CAMS OR THE LIKE

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EP 0497008 A3 19921125 (DE)

Application
EP 91122370 A 19920101

Priority
DE 4103090 A 19910201

Abstract (en)
[origin: EP0497008A2] A process for grinding the outer contour of cams or the like is proposed, in which the cam is rough-ground by means of a rough-grinding wheel, provided at its periphery with radially circumferential grooves, in such a way that the rough-grinding wheel is displaced axially after one grinding engagement and then resumes rough-grinding after radial feed, until the nominal size including allowance is reached, the cam being then finish-ground with a finish- grinding wheel. <??>An apparatus suitable for carrying out this process is such that (a) at least one radially circumferential groove is provided on a rough-grinding wheel at its periphery, (b) the width of the rough- grinding wheel is greater than the axial dimension of the cam; (c) a separate finish-grinding wheel is provided for the finish-grinding operation. <IMAGE>

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CPC (source: EP KR US)
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Citation (search report)
• [YD] DE 3724698 A1 19890202 - SCHAUDT MASCHINENBAU GMBH [DE]
• [Y] FR 866588 A 19410820
• [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 111 (M-379)(1834) 15. Mai 1985 & JP-A-59 232 760 (NISSAN JIDOSHA K.K.) 27. Dezember 1984
• [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 16 (M-270)(1453) 24. Januar 1984 & JP-A-58 177 260 (TOYODA KOKI K.K.) 17. Oktober 1983

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