

Title (en)
Improved grinding process

Title (de)
Verbessertes Schleifverfahren

Title (fr)
Procédé de meulage amélioré

Publication
EP 0903200 A1 19990324 (EN)

Application
EP 98307403 A 19980914

Priority
GB 9719969 A 19970920

Abstract (en)
A grinding machine, particularly for grinding the crankpins (12) of a crankshaft, comprising a CBN grinding wheel (10) and a coolant nozzle (14) supplying a jet of coolant into the region being ground. During the final stage of grinding, when the slow feed of the wheel ceases and the dwell point is reached, a selector valve (18) is operated which reduces the coolant flow. This in turn reduces the lateral force on the crankpin and improves the roundness accuracy of the ground crankpin. <IMAGE>

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B24B 55/03; **B24B 57/02**

IPC 8 full level
B24B 5/42 (2006.01); **B24B 55/02** (2006.01); **B24B 57/02** (2006.01)

CPC (source: EP)
B24B 5/42 (2013.01); **B24B 55/02** (2013.01); **B24B 57/02** (2013.01)

Citation (search report)

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