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(54) Title: ABRASIVE ARTICLE FOR HIGH-SPEED GRINDING OPERATIONS

(57) Abstract: An abrasive article can include a bonded abrasive body having abrasive particles comprising microcrystalline alumina (MCA) contained within a bond material. In an embodiment, the bonded abrasive body has a porosity of at least about 42 vol% of the total volume of the bonded abrasive body. Additionally, in an embodiment, the bonded abrasive body is capable of grinding a workpiece comprising metal at a speed of at least about 60 m/s at a material removal rate of at least about 0.4 in³/min/in (258 mm³/min/mm).

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