

Title (en)
TREATING SUBSTANCES FOR TUMBLING METHODS

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Application
EP 81200072 A 19810122

Priority
DE 3003787 A 19800202

Abstract (en)
[origin: EP0033562A2] For the surface treatment of workpieces by the tumbling method, the treatment bodies must be matched according to shape, size, specific weight and material hardness to the nature of the workpieces and the desired result of treatment. In addition, the treatment bodies are to have a high abrasive capacity with at the same time good stability so that the method can be designed to be as efficient as possible. Provided for this purpose according to the invention are treatment bodies consisting of a plastic compound, such as ceramic or plastic, which is cast or pressed to form geometric bodies with or without intermixed abrasive particles and is then solidified. The treatment bodies are characterised in that the surface of the geometric bodies has a plurality of groove-shaped or cup-shaped recesses. Whereas the previous development of the treatment bodies has shown that an increase in the abrasive capacity was always associated with a greater or lesser reduction in the service life, the treatment bodies according to the invention have a substantially higher abrasive capacity with a virtually unchanged service life. <IMAGE>

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DE 1752108 A1 19711007 - ROTO FINISH CO

Cited by
US4835911A; US4736547A; US7520039B2; WO03068451A1; WO0134345A1

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