Title (en)
ABRASIVE ARTICLE AND ADAPTER THEREFORE

Title (de)
SCHLEIFARTIKEL UND ADAPTER DAFÜR

Title (fr)
ARTICLE ABRASIF ET ADAPTATEUR POUR CELUI-CI

Publication
EP 3016780 A1 20160511 (EN)

Application
EP 14741494 A 20140630

Priority
- GB 201311846 A 20130702
- US 2014044823 W 20140630

Abstract (en)
[origin: GB2515764A] An abrasive article 11 and an adapter therefore each include a work surface having a centre point 12, a periphery and a plurality of holes 10 extending through the work surface, through which particulate material or dust may be extracted, the work surface futher being divided into at least a first inner and a second outer zone A-E, the second zone being concentric with the first and the centre point 12, each zone having at least one hole 10 and the hole density of the first, inner zone is less than the hole density of the second, outer zone. The sizes of the holes 10 and their total number forms a hole density for that respective zone A-E. The ratio of the distance of each hole from the centre point multiplied by the total surface area of mounting or abrasive surface within the respective zone to the total surface area of the at least one hole within the respective zone may be substantially constant for the first and second zones. The adapter may be a circular back-up pad (18 fig. 5) and the abrasive article 11 may be a disc which may be used for sanding.

IPC 8 full level
B24B 55/06 (2006.01); **B24D 9/08** (2006.01); **B24D 11/00** (2006.01)

CPC (source: EP GB US)
B24B 55/06 (2013.01 - EP US); **B24B 55/102** (2013.01 - GB); **B24D 9/08** (2013.01 - EP GB US); **B24D 11/001** (2013.01 - EP US)

Citation (search report)
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