

Title (en)  
Abrasive bodies such as grinding wheels.

Title (de)  
Schleifkörper, zum Beispiel Schleifscheiben.

Title (fr)  
Corps abrasifs tels que des meules.

Publication  
**EP 0078896 A2 19830518 (EN)**

Application  
**EP 82108161 A 19820903**

Priority  
US 31984481 A 19811110

Abstract (en)  
Relatively hard grade, high strcture cold-formed organic-bonded abrasive bodies such as metal grinding, snagging and cut-off wheels have abrading portions of improved life and efficiency comprising, by volume, 30 to 44% of 12 to 100 grit size abrasive particles, 24 to 36% thermosetting resin, 14-29% active filler material and 6-18% pores and, wherein the active filler replaces reductions in abrasive content when going to a higher structure and thereby increasing the volume ratio of filler to both the abrasive and resin contenL The preferred ratios are in the range of 1 volume of filler to .8 to 2.6 volumes of resin and 1.0 to 3.2 volumes of abrasive.

IPC 1-7  
**B24D 3/34**

IPC 8 full level  
**B24D 3/02** (2006.01); **B24D 3/28** (2006.01); **B24D 3/32** (2006.01); **B24D 3/34** (2006.01)

CPC (source: EP)  
**B24D 3/28** (2013.01); **B24D 3/285** (2013.01); **B24D 3/32** (2013.01); **B24D 3/344** (2013.01)

Cited by  
AT398544B; US5834569A; CN110655911A; CN112548882A; AT398545B; US11718774B2; AU676084B2; CN1066663C; EP2177318A1; CN102470513A; AU2010241762B2; US10865148B2; US11959009B2; WO9317080A1; WO9507796A1; WO2008073698A1; WO2014210160A1; US9783718B2; US10563106B2; US8491681B2; US10106714B2; US9676981B2; US9803119B2; US9765249B2; US10428255B2; US11453811B2; US11230653B2; US8399597B2; US9604346B2; US9676982B2; US10711171B2; US11879087B2; US9707529B2; US9782872B2; US10286523B2; US11148254B2; US11154964B2; US9688893B2; US10000676B2; US10280350B2; US11926019B2; US9676980B2; US9771506B2; US10106715B2; US10364383B2; US10759024B2; US11091678B2; US11142673B2; US11649388B2; US11859120B2; US9771507B2; US10196551B2; US10597568B2; US11472989B2; US11926781B2; US10563105B2; US11427740B2; US11549040B2; US11932802B2; US9902045B2; US9914864B2; US9938440B2; US10351745B2; US10358589B2; US11608459B2; US11643582B2; US11926780B2; US10179391B2; US10557067B2; US10668598B2; US11590632B2; US11891559B2

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