

Title (en)  
Holder plate supporting grinding elements

Title (de)  
Aufnahmeplatte für Schleifsegmente

Title (fr)  
Plateau de support pour des segments abrasifs

Publication  
**EP 1661666 A1 20060531 (EN)**

Application  
**EP 05111313 A 20051125**

Priority  
SE 0402895 A 20041129

Abstract (en)  
A holder plate (1) supporting grinding elements for grinding and/or polishing hard floor surfaces of stone, concrete, terrazzo or similar, has an element (6) for mounting this on a driven grinding plate (3) that rotates flat substantially parallel with the floor surface. The holder plate (1) carries at least two grinding elements (2) where each of the grinding elements (2) has the shape of a geometric body which is defined by two substantially parallel base surfaces (2) spaced apart from each other and at least one side surface (S) extending between the edges of the base surface. The base surfaces (B) are substantially parallel with the holder plate (1) and substantially oblong. The grinding element (2) is arranged on the holder plate (1) so that when the holder plate (1) is mounted on the grinding plate (3), a longitudinal direction (L) of the base surface concerned is substantially parallel with a tangent (T) on the grinding plate (3).

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**B24D 7/06** (2006.01); **B24B 7/22** (2006.01)

IPC 8 main group level  
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CPC (source: EP SE)  
**B24B 7/18** (2013.01 - SE); **B24B 7/22** (2013.01 - EP); **B24D 7/066** (2013.01 - EP SE)

Citation (applicant)  
• EP 1321233 A1 20030625 - GERAETEBAU WIEDTAL SCHUETZEICH [DE]  
• WO 2004108352 A2 20041216 - HTC SWEDEN AB [SE], et al  
• WO 02062524 A1 20020815 - THYSELL HAAKAN [SE], et al  
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Citation (search report)  
• [XY] DE 20315207 U1 20040226 - RIEDEL & SOHN GMBH H [DE]  
• [Y] US 2051618 A 19360818 - PENNY FRANK C  
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