

Title (en)

ABRASIVE MEANS

Publication

EP 0379633 A3 19900926 (DE)

Application

EP 89111276 A 19890621

Priority

EP 88121884 A 19881230

Abstract (en)

[origin: EP0379633A2] An abrasive having abrasive particles, such as corundum, a binder, which is a curable organic or inorganic system, for example a plastic, such as phenol resin, and fillers having abrasive activities. The abrasive material consisting of abrasive particles, binder and the fillers is present on a flexible support which is formed by a nonwoven. Novel economical fillers having low toxicity are introduced into the abrasive, i.e. metal complex salts having the following composition: $uM1 \cdot vM2 \cdot wHal \cdot xChal \cdot zPh$ in which M1 denotes a pure metal or a mixture of alkali metal, alkaline earth metal and/or Al, M2 denotes a pure metal or a mixture of Zn, Mn and Fe, except for Fe as a chloride, Hal denotes pure halogen or a mixture of F, Cl, Br and I, Chal denotes chalcogenides, O and/or S, Ph denotes phosphate or phosphates having a higher degree of condensation, PrOs ($r = 1 - 10$, preferably $1 - 2$, $s = 4 - 20$, preferably $4 - 7$), u, v, w, x or z denotes $0 - 95\%$ and the sum of u and v is $1 - 95\%$, preferably $20 - 80\%$, and the sum of w, x and z is $1 - 95\%$, preferably $20 - 80\%$, and the sum of u, v, w, x and z is 100% . These fillers are sintered or fused with one another.

IPC 1-7

B24D 3/34

IPC 8 full level

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CPC (source: EP)

B24D 3/34 (2013.01); **B24D 3/346** (2013.01)

Citation (search report)

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