

Title (en)
METHOD OF MANUFACTURING AN ELASTIC GRINDING BODY

Publication
EP 0242410 B1 19900606 (DE)

Application
EP 86105309 A 19860417

Priority
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Abstract (en)
[origin: EP0242410A1] 1. Method of manufacturing a resilient grinding body for grinding in conformity with a particular configuration, which grinding body includes a carrier layer and an abrasive layer, which is applied to said carrier layer and is formed from free-standing abrasive knubs formed from a mixture of binding agent and abrasive grain, by the utilisation of a negative mould, which is insertable into a hollow-cylindrical supporting member and has inwardly orientated ribs and recesses interposed therebetween, for the production of the abrasive layer, characterised in that the hollow-cylindrical supporting member (17), together with the negative mould (18), is so disposed above a cylindrical basic body, formed from a core (14) and the carrier layer (12) applied to said core, that initially the lower internal edge of the internal circumferential face of the negative mould (18) containing the internal edges of the ribs (11C) coincides with the outer upper edge of the carrier layer (12), in that subsequently, commencing with the lowermost recesses (11B) of the negative mould (18), said recesses are filled with the mixture of binding agent and abrasive grain (23), whereby, depending on the level of filling, the negative mould (18) is continuously or stepwisely lowered over the basic body such that the filled recesses (11B) are sealed by the circumferential face of the carrier layer (12), and in that, after the mixture of binding agent and abrasive grain (23) has hardened, the supporting member (17) is removed, together with the negative mould (18), from the abrasive layer (11) which has thus been produced.

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Cited by
CN109202578A; CN105751086A; CN110977798A; CN105729318A; CN105945738A; CN111515872A; EP4010160A4; EP0688635A1

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