

Title (en)

METHOD FOR PRODUCING ANGULAR, STAINLESS SHOT-BLASTING ABRASIVES BASED ON AN FE-CR-C ALLOY

Title (de)

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Title (fr)

PROCEDE DE REALISATION D'UN AGENT DE GRENAILLAGE ANGULEUX INOXYDABLE A BASE D'UN ALLIAGE FE-CR-C

Publication

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Application

**EP 01942587 A 20010111**

Priority

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Abstract (en)

[origin: US2003136224A1] The invention relates to a method for producing rust-resistant, angular shot-blasting abrasives (>60 HRC) based on a Fe-Cr-C alloy. According to said method, a granulate consisting of an iron-chrome-carbon alloy is tempered to >60 HRC by subjecting it to a thermal treatment of greater than 900° Celsius in a reduced atmosphere. A stainless, hard material which can be reduced to angular granules is thus produced. This results in shot-blasting abrasives with excellent characteristics for treating the surface of workpieces consisting of stainless material, e.g. stainless steel, non-ferrous metal and natural stone.

IPC 1-7

**B22F 1/00**

IPC 8 full level

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CPC (source: EP KR US)

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C-Set (source: EP KR US)

EP

1. **B22F 2998/00 + B24C 11/00**
2. **B22F 2999/00 + B22F 1/142 + B22F 2201/01**
3. **B22F 2998/10 + B22F 1/142 + B22F 9/08 + B22F 9/04**

KR

1. **B22F 2999/00 + B22F 1/142 + B22F 2201/01**
2. **B22F 2998/10 + B22F 1/142 + B22F 9/08 + B22F 9/04**

US

1. **B22F 2998/00 + B24C 11/00**
2. **B22F 2998/10 + B22F 9/08 + B22F 9/04 + B22F 1/142**
3. **B22F 2999/00 + B22F 1/142 + B22F 2201/01**
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