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Abstract:

The invention relates to a process for producing a corrosion-resistant blasting agent (>60 HRC) with sharp edges based on an Fe-Cr-C alloy. A granulate consisting of an iron-chromium-carbon alloy is hardened in said process to >60 HRC by subjecting it to a heat treatment at above 900° Celsius under a reducing atmosphere. An oxide-free, hard material is obtained in this way that can be crushed into grains with sharp edges. The result is a blasting agent with excellent properties for the surface treatment of workpieces consisting of corrosion-resistant materials such as, for example stainless steel, nonferrous metals and natural stone.