

Title (en)
STRUCTURAL COMPOSITE ACCELERATOR MEMBER

Title (de)
STRUKTURELLES VERBUNDBESCHLEUNIGUNGSGLIED

Title (fr)
ELEMENT ACCELERATEUR COMPOSITE STRUCTUREL

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Application
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Abstract (en)
[origin: WO2004002630A1] The invention relates to a rotary accelerator device for accelerating particle material with the aid of at least one rotating structural composite accelerator member (1) in at least one phase, for comminution of the material by impact, that consists out of at least one accelerator block (3) that is made out of at least a white iron alloy part, which white iron alloy part is provided with at least one acceleration surface (4) and at least one transversal side surface (6) that is directed essentially transversally to the acceleration surface and a strengthening member (7) that is made of an unalloyed, or low alloy steel that, after thermal hardening of the accelerator member, has an appreciably greater tensile strength than the white iron alloy part, which accelerator block is joined together with the strengthening member along a transversal side of the white iron alloy part to form a structural composite accelerator member, which strengthening member is provided with an attaching arrangement.

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