

Title (en)

PROCESS FOR PRODUCING A SPRAYED SURFACE WITH A PARTICULAR ROUGHNESS, AND ITS USE

Publication

EP 0287023 A3 19900620 (DE)

Application

EP 88105778 A 19880412

Priority

DE 3712684 A 19870414

Abstract (en)

[origin: EP0287023A2] The production of such a sprayed surface on a workpiece is to be improved and a surface layer with a clearly defined roughness is to be provided, with relatively simple handling. For this purpose, a pulverulent material consisting of a mixture of a matrix of Ni, Co and/or Fe base alloy and sintered materials having a grain size distribution of the sintered materials with a maximum fraction between 25 and 150 μm is sprayed on, the sprayed unsintered layer having a surface roughness in the range of Ra from 10 to 100 μm with a defined roughness of Ra $x \pm 20 \mu\text{m}$, x being a number from 10 to 100 μm . The process of the invention is intended to be used for producing the surface of transport rollers or gripper fingers for paper or cardboard manufacture.

IPC 1-7

C23C 4/06; C22C 1/05

IPC 8 full level

C23C 4/06 (2006.01)

CPC (source: EP)

C23C 4/06 (2013.01)

Citation (search report)

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