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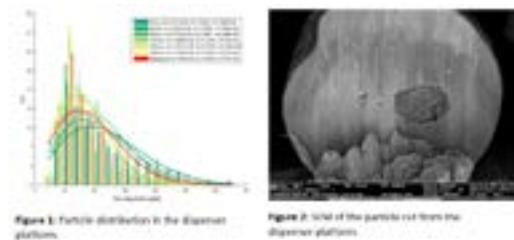
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Distribution of the metal powder particles in the dispenser platform its influence on the printing quality

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The objective of this paper is to investigate distribution of the powder particles in the dispenser platform and its influence for a quality of the printing part. The powder of maraging steel was observe specifically MS1 steel (European 1.2709 and German X3NiCoMoTi 18-9-5). The literature review usually related to the powder in terms to shape or the size of the powder particles but it exist a gap in the area of particles didtribution. The autors solve this problematic in this article and the presented results can be considered as a scientific novelty.



Biography

Ivana Zetkova has completed his PhD from University of West Bohemia. She is responsible person for 3D printing in Laboratory of experimental machining. She has published more than 15 papers in reputed journals and are serving as a reviewer of reputed journal. She is the solver and co-solver of projects dealing with 3D printing.

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