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Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

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(12) **United States Patent**
Schindele

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- (54) **FRICITION APPLICATION DEVICE**
- (71) Applicant: **Hochschule für angewandte Wissenschaften—Fachhochschule Kempten, Kempten (DE)**
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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 33 days.

- (58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

The invention relates to a friction application device having an application element which is movable by means of a moving device on a surface of a workpiece and in a relative movement with respect to the surface of the workpiece, wherein at least one supporting tool which is in contact with the application element and prevents bead formation on the application element is arranged in the contact region between the application element and the surface of the workpiece.

20 Claims, 10 Drawing Sheets

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