

Title (en)  
COMPACTING DEVICE

Title (de)  
VERDICHTUNGSWERKZEUG

Title (fr)  
OUTIL DE COMPACTAGE

Publication  
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Application  
**EP 11740804 A 20110609**

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Abstract (en)  
[origin: WO2011153574A1] The invention relates to a tool for compacting the surface of a powder-metallurgically produced component (2), comprising a female die (1) and a male die (20), a clearance (5) which extends from a first female die opening (6) to a second female die opening (8) being arranged in the female die (1) and having a wall surface (10) for bearing against the component (2), and the male die (20) having a male die length (23) and a male die surface (21), wherein an inside diameter (12) of the clearance (5) in the female die (1) becomes smaller from the first female die opening (6) in the direction of the second female die opening (8) or an outside diameter (22) of the male die (20) becomes greater over the male die length (23), and wherein a compacting element (17) is arranged on the wall surface (10) of the female die (1) or on the male die surface (21). The compacting element (17) is formed with a thread-like profile.

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