

Title (en)  
HOT FORGING DIE AND HOT FORGING METHOD

Title (de)  
WARMSCHMIEDEGESENK UND WARMSCHMIEDEVERFAHREN

Title (fr)  
MATRICE DE FORGEAGE À CHAUD ET PROCÉDÉ DE FORGEAGE À CHAUD

Publication  
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Application  
**EP 16776475 A 20160331**

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Abstract (en)  
Provided are a hot forging die and a hot forging method which enables to perform even a difficult-to-work material used for a turbine blade can be easily swaged using a radial forging machine. The hot forging die for hot-forging a rod shaped forging material by radial forging includes a pair of halved pressing portions between which the forging material is interposed, each of the halved pressing portions having a smooth surface having a concave shape configured to surround the forging material, wherein the halved pressing portion includes a rough processing portion and a finishing portion, and a width of the finishing portion in a longitudinal direction of the forging material is wider than a width of the rough processing portion.

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