

Title (en)

DEVICE FOR CLEANING THE VENT OF A FORGING DIE AND METHOD FOR USING SAID DEVICE

Title (de)

VORRICHTUNG ZUM REINIGEN DER ENTLÜFTUNG EINES SCHMIEDEGESENKS UND VERFAHREN ZUR VERWENDUNG DIESER VORRICHTUNG

Title (fr)

DISPOSITIF DE NETTOYAGE DE L'EVENT D'UNE MATRICE DE FORGEAGE ET PROCEDE DE MISE EN OEUVRE DE CE DISPOSITIF

Publication

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Application

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Abstract (en)

[origin: WO2021148748A1] An aspect of the invention relates to a device (100) for cleaning a vent (20) of a first forging die (11), suitable for receiving, between the first die and a second die, a metal blank to be shaped in order to produce a metal part, the cleaning device comprising: - a pump (110) for injecting an aqueous solution, suitable for injecting the aqueous solution into the vent (20), - an ultrasound generator (150), suitable for generating ultrasound waves within the vent (20), - an air intake (140) suitable for ensuring a venting of the vent (20), and - a valve system (130) for alternately controlling at least the injection of aqueous solution and ultrasound and the venting of the vent (20). Another aspect of the invention relates to a method for using the device.

IPC 8 full level

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Citation (search report)

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