

Title (en)

NOZZLE BODY FOR PRODUCING VERY FINE LIQUID JET FLOWS ON WATER NEEDLING DEVICES

Title (de)

DÜSENSTREIFEN ZUR ERZEUGUNG VON FEINSTEN FLÜSSIGKEITSSTRAHLEN AN WASSERVERNADELUNGSEINRICHTUNGEN

Title (fr)

CORPS DE PULVERISATION PERMETTANT DE PRODUIRE DES JETS DE LIQUIDE ULTRAFINS SUR DES DISPOSITIFS D'AIGUILLETAGE HYDRAULIQUE

Publication

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Application

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Abstract (en)

[origin: US6942167B2] The invention relates to jet flows on a nozzle beam for hydrodynamic water needling, formed inside a nozzle body which is supported as a component part on the nozzle strip. The aim of the invention is to ensure long-term secure positioning of the sapphire or similar material on the nozzle strip. According to the invention, the nozzle bodies are respectively held in place in a nozzle body support which is introduced via a foot part with a smaller diameter smaller into bores in the nozzle strip.

IPC 1-7

D04H 1/46; **B05B 1/02**; **B05B 3/10**

IPC 8 full level

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