

Title (en)

DEVICE FOR NEEDLE-FREE INJECTION OF A MEDIUM INTO THE TISSUE OF A HUMAN OR AN ANIMAL, DEVICE FOR NEEDLE FREE PRODUCTION OF AN INJECTION CHANNEL AND METHOD FOR THE NEEDLE FREE INJECTION OF A MEDIUM IN THE TISSUE

Title (de)

VORRICHTUNG ZUR NADELLOSEN INJEKTION EINES MEDIUMS IN DAS GEWEBE EINES MENSCHEN ODER TIERES, VORRICHTUNG ZUR NADELLOSEN ERZEUGUNG EINES INJEKTIONSKANALS UND VERFAHREN ZUR NADELLOSEN INJEKTION EINES MEDIUMS IN DAS GEWEBE

Title (fr)

DISPOSITIF POUR L'INJECTION SANS AIGUILLE D'UNE SUBSTANCE DANS UN TISSU D'UN ETRE HUMAIN OU D'UN ANIMAL, DISPOSITIF POUR CREER SANS AIGUILLE UN CANAL D'INJECTION ET PROCEDE POUR L'INJECTION D'UNE SUBSTANCE DANS LEDIT TISSU

Publication

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Application

EP 03759857 A 20030613

Priority

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Abstract (en)

[origin: WO03105934A1] An injection channel is produced in human or animal tissue by means of a pre-injection device (1) for incorporating a medium which is to be injected. Said pre-injection device (1) comprises a chamber (4) which is used to receive a pre-injection medium, a nozzle which is provided for attachment to the skin (2) and a pressure generating device (14') which acts on the chamber (4) in order to generate a high-pressure jet from the pre-injection medium exiting from the nozzle (2). Said type of needle-free pre-injection device (1) is serially connected to a main injection device (17).

IPC 1-7

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IPC 8 full level

A61M 5/20 (2006.01); **A61M 5/30** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 03105934A1

Citation (examination)

WO 03041768 A1 20030522 - ROESCH MEDIZINTECHNIK AG [DE], et al

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DOCDB simple family (publication)

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DOCDB simple family (application)

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