

Title (en)

PROCESS FOR PROVIDING ACCESS TO A VEIN AND DEVICE FOR IMPLEMENTING IT

Title (de)

VERFAHREN ZUR SCHAFFUNG EINES VENENZUGANGS SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE PERMETTANT D'ACCEDER A UNE VEINE ET DISPOSITIF DE MISE EN OEUVRE DUDIT PROCEDE

Publication

EP 0708669 A1 19960501 (DE)

Application

EP 95917900 A 19950508

Priority

- DE 9500628 W 19950508
- DE 4416656 A 19940511

Abstract (en)

[origin: DE4416656A1] The invention relates to a process for providing access to a vein, especially in the human body, in which the skin area (1) surrounding the vein access region is first disinfected, the epidermis (3) is then penetrated and the vein (4) opened, and in which a cannula (5) is inserted into the vein (4). The invention also relates to a device for implementing this process. Here, the epidermis (3) is pierced and/or the vein (4) is opened by a cutting device (6) operating with electromagnetic radiation.

IPC 1-7

A61M 25/01; **A61B 17/32**

IPC 8 full level

A61B 18/00 (2006.01); **A61B 17/32** (2006.01); **A61B 18/20** (2006.01); **A61M 5/00** (2006.01); **A61M 25/01** (2006.01); **A61B 18/22** (2006.01)

CPC (source: EP US)

A61B 17/32093 (2013.01 - EP US); **A61B 18/22** (2013.01 - EP US); **A61B 18/24** (2013.01 - US); **A61M 25/01** (2013.01 - EP US)

Citation (search report)

See references of WO 9531242A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 4416656 A1 19951123; **DE 4416656 C2 19970313**; CA 2166967 A1 19951123; EP 0708669 A1 19960501; JP H08511194 A 19961126; MX 9505373 A 19980331; US 6027492 A 20000222; WO 9531242 A1 19951123

DOCDB simple family (application)

DE 4416656 A 19940511; CA 2166967 A 19950508; DE 9500628 W 19950508; EP 95917900 A 19950508; JP 52859995 A 19950508; MX 9505373 A 19950508; US 58308896 A 19960111