Title (en)

SYSTEM AND METHOD FOR VISUALIZING CATHETER PLACEMENT IN A VASCULATURE

Title (de)

SYSTEM UND VERFAHREN ZUR VISUALISIERUNG DER PLATZIERUNG EINES BLUTGEFÄSSKATHETERS

Title (fr)

SYSTÈME ET PROCÉDÉ POUR VISUALISER UN POSITIONNEMENT DE CATHÉTER DANS UN SYSTÈME VASCULAIRE

Publication

EP 2925222 A2 20151007 (EN)

Application

EP 13857973 A 20131016

Priority

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Abstract (en)

[origin: WO2014084975A2] A system for advancing a needle through a vasculature to an injection site at the heart of a patient includes a guide catheter with a reflective distal tip. Also included is an imaging unit that is mounted on the catheter to radiate an energy field. Structurally, a distal portion of the catheter is biased to bend into a predetermined configuration that will position the distal end of the catheter for interception by the energy field. If necessary, coincidence of the reflective tip with the energy field is established by moving the energy field along the length of the guide catheter. With coincidence, the reflective tip reflects a signal that is useful for advancement of the needle 34b from the guide catheter and into the injection site.

IPC 8 full level

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