ABSTRACT

ELECTRO-MAGNETIC NEEDLE CATHETER INSERTION SYSTEM

A device for magnetizing a tissue-penetrating medical device is disclosed including a housing having a proximal portion and a distal portion; a magnetic field generator contained within the distal portion of the housing and a tissue penetrating subassembly including a hub and a tissue penetrating medical device having a proximal end and a distal end. The hub is detachably connected to the distal portion of the housing and the proximal end of tissue penetrating medical device extends proximally from the hub such that the proximal end of the tissue penetrating medical device is exposed to the magnetic field to magnetize the distal end of the tissue penetrating medical device. Methods of magnetizing tissue-penetrating medical devices are also disclosed.

FIG. 1