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(54) **VASCULAR ACCESS KITS AND METHODS**

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Related U.S. Application Data

(57) **ABSTRACT**

(60) Division of application No. 14/791,654, filed on Jul. 6, 2015, now Pat. No. 9,872,703, which is a (Continued)

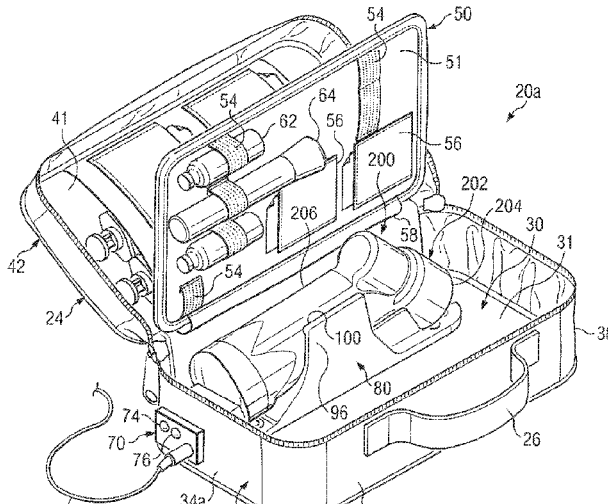
Kits carrying various components and devices are provided for use in obtaining access to a patient's vascular system. Various methods and procedures may be used to treat both emergency and more routine conditions using the contents of such kits. For example, such kits may contain various types of intraosseous (IO) devices including, but not limited to, drivers, penetrator assemblies, IO needles and other related components. Intravenous (IV) devices such as syringes, needles, IV bags, tubing and other related components for use in obtaining access to portions of a patient's vascular system may be included. Various types of connectors for communicating fluids with and/or monitoring a patient's vascular system may be provided. Such kits may contain medications, drugs and fluids used to treat a wide variety of both acute and chronic diseases and conditions.

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(58) **Field of Classification Search**
CPC A61B 17/34; A61B 17/3472; A61B 50/20; A61B 50/31
See application file for complete search history.

20 Claims, 9 Drawing Sheets



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continuation of application No. 11/380,340, filed on Apr. 26, 2006, now Pat. No. 9,072,543, which is a continuation-in-part of application No. 10/449,503, filed on May 30, 2003, now Pat. No. 7,670,328.

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 CPC *A61B 2017/3492* (2013.01); *A61M 5/158* (2013.01); *A61M 2005/1581* (2013.01); *A61M 2005/1585* (2013.01); *A61M 2210/02* (2013.01)

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