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(54) METHOD AND SYSTEM FOR MAPPING TISSUE STATUS OF ACUTE STROKE

VERFAHREN UND SYSTEM ZUR KARTIERUNG DES GEWEBEZUSTANDS BEI AKUTEM SCHLAGANFALL

PROCÉDÉ ET SYSTÈME DE CARTOGRAPHIE DE L'ÉTAT DES TISSUS APRÈS UNE CRISE CARDIAQUE AIGUË

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专利名称(译)	绘制急性中风组织状态的方法和系统		
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摘要(译)

本发明提供了一种识别缺血性病变的方法。该方法包括将灌注成像数据加载到电子存储元件中，并从该灌注成像数据导出灌注图，其中，所述灌注图包括脑血容量 (CBV) 图和动脉延迟时间 (DT) 图，它们利用动脉延迟和分散效应。从灌注成像数据确定缺血像素，其中DT大于预定的第一阈值，并且CBV小于第二阈值，并且确定缺血性病变的梗塞部分，其中DT大于预定的第三阈值和/或CBV低于第四阈值。将聚类分析应用于所有确定的缺血性病变和梗塞像素，然后确定半影，其中缺血性病变与梗塞核心之间的失配区域定义了半影。