

Title (en)

METHODS AND APPARATUS FOR PROVIDING GUIDANCE TO MEDICAL PROFESSIONALS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEREITSTELLUNG EINER FÜHRUNG FÜR MEDIZINISCHE FACHLEUTE

Title (fr)

PROCÉDÉS ET APPAREIL POUR FOURNIR UN GUIDE À DES PROFESSIONNELS MÉDICAUX

Publication

EP 3000064 A1 20160330 (EN)

Application

EP 14737375 A 20140605

Priority

- US 201313911023 A 20130605
- US 201313910997 A 20130605
- US 2014041041 W 20140605

Abstract (en)

[origin: WO2014197669A1] Method and apparatus for providing guidance to medical professionals. In some embodiments, a natural language understanding engine is used to analyze at least one narrative provided by a radiologist in connection with a study of one or more medical images. One or more decision rules are applied to one or more facts extracted by the at least one natural language understanding engine from the at least one narrative, and a result of applying the one or more decision rules to the one or more facts extracted from the at least one narrative is used to provide guidance to the radiologist. In some embodiments, one or more decision rules are generated based at least in part on a published guideline relating to at least one aspect of radiology, the one or more decision rules for use in automatically determining whether a radiologist's report complies with the at least one published guideline.

IPC 8 full level

G06F 19/00 (2011.01)

CPC (source: EP US)

G16H 15/00 (2017.12 - EP US); **G16H 30/20** (2017.12 - EP US); **G16H 50/20** (2017.12 - EP US); **G16H 50/70** (2017.12 - EP);
G16H 70/20 (2017.12 - EP US)

Citation (search report)

See references of WO 2014197669A1

Citation (examination)

- US 2013124527 A1 20130516 - LEE MICHAEL CHUN-CHIEH [US], et al
- US 2010145720 A1 20100610 - REINER BRUCE [US]
- US 7693705 B1 20100406 - JAMIESON PATRICK WILLIAM [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014197669 A1 20141211; EP 3000064 A1 20160330

DOCDB simple family (application)

US 2014041041 W 20140605; EP 14737375 A 20140605