

Title (en)

DETERMINATION OF THE ARTERIAL INPUT FUNCTION IN DYNAMIC CONTRAST-ENHANCED MRI

Title (de)

BESTIMMUNG DER ARTERIELLEN EINGANGSFUNKTION IN DER DYNAMISCHEN, KONTRASTVERSTÄRKTEN BILDGEBUNG MITTELS MAGNETISCHER RESONANZ

Title (fr)

DETERMINATION DE LA FONCTION D'ENTREE ARTERIELLE EN IRM DE CONTRASTE DYNAMIQUE

Publication

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Application

EP 02728696 A 20020410

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Abstract (en)

[origin: WO02086530A1] A contrast-enhanced MRI time course study of the brain is performed and images are produced which indicate hemodynamic parameters such as cerebral blood flow (CBF), cerebral blood volume (CBV) and mean transit time (MTT). An arterial input function (AIF) required to quantitatively measure the hemodynamic parameters is automatically produced.

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