Docket #: S06-049

MRI - "IDEAL" MRI: Sliding Window Reconstruction and Phase/Field Map Updating for Chemical Shift Imaging

A method for generating dynamic magnetic resonance images is provided. A cyclical magnetic resonance imaging excitation is applied for a plurality of cycles at a cycle rate. A plurality of magnetic resonance image echoes is acquired for each cycle. A plurality of frames of images is generated from the acquired plurality of magnetic resonance echoes at a frame rate that is at least twice the cycle rate, wherein each frame of the plurality of frames is generated from a plurality of echoes and wherein some of the plurality of frames are generated from magnetic resonance image echoes of adjacent cycles.

Patents

- Published Application: 20080012567
- Issued: 7,486,073 (USA)

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