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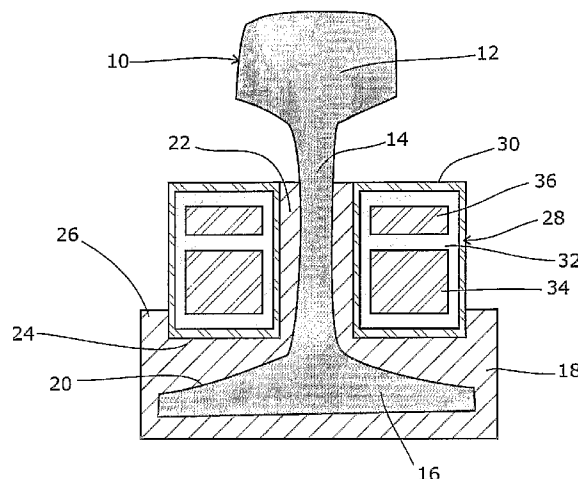
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[Continued on next page]

(54) Title: RAIL DAMPER



(57) Abstract: A rail damper comprises an elongate damping means and a clip for supporting the damping means, the clip having a retention aperture for receiving part of the rail and, further, a recess adapted to receive the damper. This is particularly (although not exclusively) suited to dampers in which an elongate hollow rigid section encloses a deformable material in which is suspended one or more resonant members. The clip can be adapted to fit around the foot of the rail. It can include one or more tongues extending alongside the web of the rail. This will assist in separating the damper from the web while still allowing vibrations to be conducted from one to the other. The tongues can be any suitable height, for example the full height of the web, or the full height of the dampers, or less than one or other such heights. Additionally, a damper for a rail is disclosed which comprises an elongate hollow rigid section enclosing a deformable material in which is suspended at least two resonant members, the resonant members being sized to exhibit a resonant frequency in the range of vibration frequencies of the rail. It is preferred that the deformable material fills the space within that rigid hollow section.

WO 2004/079096 A2

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