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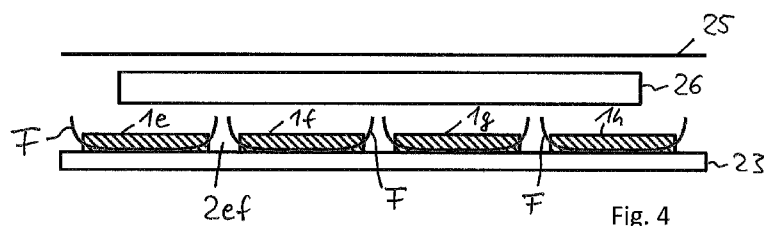
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(54) Title: ARRANGEMENT FOR PROVIDING VEHICLES WITH ENERGY COMPRISING MAGNETIZABLE MATERIAL



(57) Abstract: The invention relates to an arrangement for providing vehicles with energy by magnetic induction, wherein the arrangement comprises: - a primary side electric conductor arrangement (26) adapted to generate an electromagnetic field while an alternating electric current flows through the conductor arrangement (26) and - a field shaping layer (1e - 1f) comprising magnetizable material adapted to shape magnetic field lines of the electromagnetic field. The field shaping layer (1e - 1f) comprises a plurality of elements (1e, 1f, 1g, 1h) made of the magnetizable material, wherein neighbouring elements (1a, 1b; 1a, 1c) are positioned at a distance (gaps 2) to each other.