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(54) Title: VEHICLE UNDERBODY FAIRING

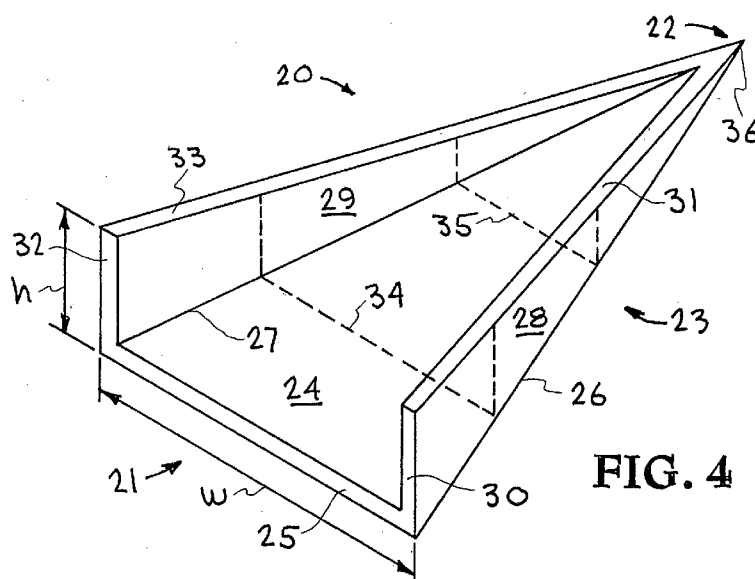


FIG. 4

(57) Abstract: A vehicle underbody fairing apparatus for reducing aerodynamic drag caused by a vehicle wheel assembly, by reducing the size of a recirculation zone formed under the vehicle body immediately downstream of the vehicle wheel assembly. The fairing body (20) has a tapered aerodynamic surface (24, 28, 29) that extends from a front end (21) to a rear end (22) of the fairing body with a substantially U-shaped cross-section that tapers in both height (h) and width (w). Fasteners or other mounting devices secure the fairing body to an underside surface of the vehicle body, so that the front end is immediately downstream of the vehicle wheel assembly and a bottom section of the tapered aerodynamic surface rises towards the underside surface as it extends in a downstream direction.

WO 2009/055526 A3



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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A		16
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Y	US 4 343 506 A (SALTZMAN EDWIN J) 10 August 1982 (1982-08-10) figures	9,15
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

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