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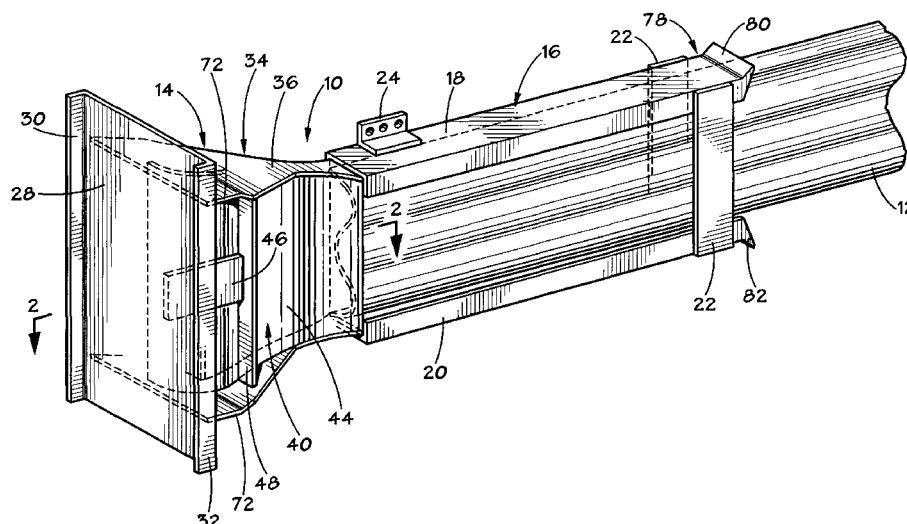
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(54) Title: ET-PLUS: HEAD ASSEMBLY FOR GUARDRAIL EXTRUDER TERMINAL



(57) **Abstract:** A head assembly for a guardrail extruder terminal device. A head assembly is described that is lighter and more effective than prior art head assemblies. The head assembly provides a throat that receives a corrugated guardrail. The rail is flattened by a narrowing of the throat or through combined action of the throat and a curved deflector plate. A curved plate contacts the flattened rail and extrudes it away from the head assembly. The throat is constructed from a pair of side members. The first side member is an elongated plate while the second side member is a short plate. The impact plate of the head assembly is vertically elongated and presents upper and lower overhangs that assist with vehicle engagement. In addition, the impact plate is provided with flanges on either side to help stiffen the plate. The head is also asymmetrical and streamlined. When the impact head is mounted on a rail member, the central point of impact is off-center with respect to the axis of the head.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.