Title: BULL BAR ARRANGEMENT ON A MOTOR VEHICLE FRONT

Abstract: By combining an armature which may be formed from a metal or plastics material or cardboard material with a contact assembly generally in the form of foams or other energy absorbing materials it is possible to create a sufficiently robust structure for general installation on a motor vehicle. The armature will deform under impact loads in association with the contact assembly in order to provide an acceptable energy absorption profile under impact loads such as a result of collision contact between a pedestrian and the impact protection arrangement secured to a vehicle.