

VEHICLE OUTRIGGER AND LANDING GEAR APPARATUS

ABSTRACT

To decrease the off-load turn-around time of HGVs, the invention involves *inter alia* a system including a vehicle outrigger and landing gear apparatus (VOLGA) adapted to support a load the apparatus including a goods supportable frame mountable to and detachable from a HGV; a plurality of pneumatically moveable outrigger arms fitted to the frame each moveable between a stowed and a deployed position; a landing gear including a ground contactable leg operatively connected to each outrigger arm and pneumatically moveable between a stowed and a deployed position to support the frame above the ground in the deployed position; and a plurality of locking pins each moveable between a locked and an unlocked position so as to lock each of the arms and legs in their stowed or deployed position; and a HGV including means to connect the vehicle's pneumatic system to the pneumatically operable arms and legs of the VOLGA.

Fig 1