

Title (en)
A STEERING WHEEL ASSEMBLY

Title (de)
LENKRADANORDNUNG

Title (fr)
VOLANT DE DIRECTION

Publication
EP 0814978 A1 19980107 (EN)

Application
EP 97900846 A 19970115

Priority
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Abstract (en)
[origin: GB2309123A] A steering wheel assembly comprises a main body part defining an outer ring and a component 6, eg an air bag module, movable relative to the main body against the bias of at least three resilient elements each forming an electric switch 18 for operating a horn of a motor vehicle. Each switch may form part of a laminated element (21, Fig 4) which has an insulating substrate (23) secured to a housing 7 and which carries a conductive metal foil (24). A further insulating layer (25) spaces this foil from a further foil (26) carried by an insulating layer (27). When the movable component 6 is actuated, the resisting force of the resilient elements 18 rises to a maximum during initial movement, and then reduces to a minimum and subsequently climbs again towards a fresh maximum with continued movement.

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