

An apparatus (1) is provided for enabling smokable material to be heated to volatilise at least one component of the smokable material, hi one example, the apparatus (1) has a capacitive sensor (12, 13, 15) arranged to sense a change in capacitance when an article of smokable material is associated with a housing (2) of the apparatus (1) in use. In another example, the apparatus (1001) has a resistive sensor (1050, 1013) arranged to provide a measure of electrical resistance when an article of smokable material is associated with a housing (1002) of the apparatus (1001) in use. A combination of capacitive and resistive sensing may be used in some examples. In another example, a sensor makes use of at least two different sensing techniques.