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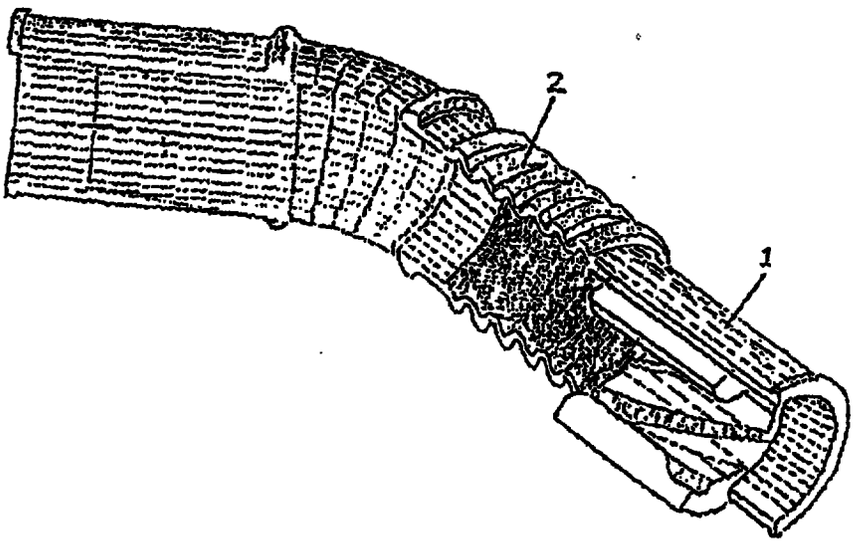

(57) Abstract

The invention relates to a device called air flow twisting device that can twist the air lines (1) in an air inlet system of internal combustion engine and the device is installed between the air filter (5) and engine combustion chamber (6). The device comprises a body having a bore therethrough with a length (a+b); two–thirds (a) of said length comprises helical grooves of identical shape and one third (b) of said length having a smooth surface and being connected via a cylindrical flange (3) with the intake manifold in case of an engine with fuel injection or with a carburator inlet. The device (1) can be made from various materials such as metal, polymer or ceramic.