

ABSTRACT

A MOTOR SYSTEM FOR AN ELECTRIC TYPE VEHICLE

The invention concerns a motor system of an electric type vehicle, comprising at least two asynchronous electric motors (M1, M2) supplied in parallel by a central electric supply (2).

This central electric supply is controlled by a control device (6) supplying thereto a first control signal (SCF) determining the value of the supply frequency (FAL) and a second control signal (SCA) determining the value of the supply amplitude (UAL) of the supply voltage.

These first and second control signals are regulated essentially in dependence upon a signal (SMI) which is a measurement of the principal supply current (IAL), an instruction signal (SCS) and a signal (SFMX) representing the maximum value of the rotational frequency of the rotors (R2, R2) of said motors.

Figure 1