

ABSTRACT

Disclosed is a method for controlling a locomotive air anti-slip system, in which when the locomotive air anti-skid system receives an emergency brake signal of a locomotive, acquiring a current brake initial speed of the locomotive and starting timing at the same time, then bringing the acquired current brake initial speed into a first pre-set equation, so as to calculate a cut-off time corresponding to the current brake initial speed, and judging whether the current timing time is shorter than the cut-off time or not, and if no, the air anti-skid system will automatically cut off all functions thereof. Accordingly, the air anti-skid system temporarily fails to act on a brake cylinder pipe, a braking force of the brake cylinder pipe will restore gradually, such that the locomotive is timely parked under the action of the braking force, and operation safety of the locomotive is guaranteed.