

Title (en)
CURRENT COLLECTOR SYSTEM WITH PNEUMATIC SENSOR MONITORING

Title (de)
STROMABNEHMERSYSTEM MIT PNEUMATISCHER SENSORÜBERWACHUNG

Title (fr)
SYSTÈME DE PANTOGRAPHE À SURVEILLANCE DE DÉTECTION PNEUMATIQUE

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EP 15747975 A 20150721

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Abstract (en)
[origin: WO2016041543A1] The present invention relates to a current collector system (1) for a rail vehicle which is supplied with power by an overhead line, wherein a current collector has at least one contact strip (4), the height of which can be vertically adjusted above a rocker (2) by means of an actuator, so that the contact strip (4) can be brought into contact with an overhead line. A pneumatic monitoring system is provided which has an air duct (L) arranged in or on the contact strip (4), wherein damage of the air duct (L) detects a disruption between the contact strip (4) and the overhead line and initiates a lowering process of the rocker (2), characterised in that the monitoring system has an independent separate pneumatic system (9).

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