

Title (en)
EOT SERVICE BRAKE ASSIST WITHOUT RADIO COMMUNICATIONS

Title (de)
BETRIEBSBREMSSYSTEM OHNE RADIOKOMMUNIKATION FÜR DAS ZUGENDE EINES ZUGES

Title (fr)
ASSISTANCE AU FREINAGE PRINCIPAL EN QUEUE DE TRAIN SANS RADIOCOMMUNICATIONS

Publication
EP 1226057 A4 20021106 (EN)

Application
EP 99940939 A 19990806

Priority
US 9917896 W 19990806

Abstract (en)
[origin: WO0110695A1] An apparatus and method assists a brake control system in applying the service brakes on a European freight train. The apparatus (60) includes a transducer (61), a valve (62), a flow meter (64) and a microprocessor (63). Transducer (61) measures pressure in the rear of the brake pipe. When opened, valve (62) exhausts air from the rear of the brake pipe. Flow meter (64) measures the rate at which air exhausts from valve (62). Microprocessor (63) controls valve (62) in response to the pressure and flow rate readings. When a quick service pulse is detected, microprocessor (63) opens valve (62) thereby allowing air to exhaust to the atmosphere. Using flow rate readings, microprocessor (63) calculates regularly the actual quantity of air exhausted thus far.

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 0110695A1

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