

Title (en)
REMOTE CONTROL SYSTEM FOR LOCOMOTIVES

Title (de)
FERNSTEUERSYSTEM FÜR LOKOMOTIVEN

Title (fr)
SYSTEME DE TELECOMMANDE DE LOCOMOTIVES

Publication
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Application
EP 01953716 A 20010711

Priority
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• CA 2313918 A 20000714

Abstract (en)
[origin: WO0206103A1] A system of controller modules allowing to remotely control a train having a first locomotive and a second locomotive separated from one another by at least one car is provided. The system of controller modules comprises a first controller module associated to the first locomotive and a second controller module associated to the second locomotive. One of said controller modules has a lead operational status and the other has a trail operational status. The controller module having the lead operational status receives a master control signal for signaling the train to move in a desired direction and releases in response to the master control signal a first local command signal. The first local command signal is operative to cause displacement of the locomotive associated with the controller module having the lead operational status. The controller module having a lead operational status is further operative to transmit to the controller module having a trail operational status a local control signal derived from the master control signal. The controller module having the trail operational status is responsive to the local control signal to generate a second command signal operative to cause displacement of the locomotive associated to the controller module having a trail operational status. The movement of the locomotive associated with the controller module having the lead operational status and the movement of the locomotive associated with the controller module having the trail operational status is such as to cause displacement of the train in the desired direction.

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CPC (source: EP)
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