

Title (en)
SYSTEM AND METHOD FOR AUTOMATIC TRACK ELEMENT APPROACH

Title (de)
SYSTEM UND VERFAHREN FÜR AUTOMATISCHE SCHIENENELEMENTANNÄHERUNG

Title (fr)
SYSTÈME ET PROCÉDÉ D'APPROCHE D'ÉLÉMENT DE PISTE AUTOMATIQUE

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Abstract (en)
[origin: EP3090918A1] The present invention concerns an ATP system (1) and a method for controlling a guided vehicle (2) approaching a bumper (4), said ATP system (1) comprising: - a control unit (11) configured for controlling the guided vehicle speed according to a first speed profile (FSP), wherein the first speed profile (FSP) defines a maximum authorized speed for the guided vehicle (2) in function of its position compared to the position (B) of the bumper (4), the maximum authorized speed for positions of the guided vehicle (2) falling within a predefined security distance (DS) from the position (B) of the bumper (4) being zero; characterized in that - the control unit (11) is configured for automatically determining a second speed profile (SSP) for the guided vehicle (2), wherein the second speed profile (SSP) defines a speed limit for the guided vehicle (2) in function of its position compared to the position (B) of the bumper (4), wherein the second speed profile (SSP) prevails over the first speed profile (FSP) for triggering an emergency brake.

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