

Title (en)
Collision avoidance system for carriages.

Title (de)
Kollisionsschutzanlage für Wagen.

Title (fr)
Système de prévention de collision pour chariots.

Publication
EP 0557962 A1 19930901

Application
EP 93102865 A 19930224

Priority
JP 4347392 A 19920228

Abstract (en)
A collision avoidance system for carriages (23) moving in series on a track (1) includes a light emitting element (51) mounted on a rear portion of each carriage (23) for emitting a light (P) backward, a first light detecting element (52) mounted on a front portion of each carriage (23) for detecting a light (P) emitted from the light emitting element (51) of a preceding carriage (23), and a controller (57) for decelerating a carriage (23) when the first light detecting element (52) of the carriage detects the light (P) emitted from the preceding carriage (23). The light emitting element (51) emits the light (P) at a first angle when the carriage moves in the straight sections (1b, 1c) whereas the light emitting element emits the light (P) at a second angle larger (150-180 degrees) than the first angle when the carriage moves in the corner section (1a). <IMAGE>

IPC 1-7
B61L 23/34; **G08G 1/16**

IPC 8 full level
B61B 13/00 (2006.01); **B61B 13/12** (2006.01); **B61L 23/34** (2006.01); **G08G 1/16** (2006.01)

CPC (source: EP)
B61L 23/34 (2013.01); **G08G 1/163** (2013.01); **G08G 1/22** (2013.01)

Citation (search report)
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• [Y] US 4920520 A 19900424 - GOEBEL EWALD [DE], et al
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