

Title (en)
Railway track lubrication system

Title (de)
Schmiersystem für Eisenbahngleise

Title (fr)
Système de graissage pour chemin de fer

Publication
EP 1674369 A1 20060628 (EN)

Application
EP 05077916 A 20051219

Priority
NL 1027894 A 20041227

Abstract (en)
The present invention relates to a device for applying lubricant to a curved part of a railway track, the device comprising: a spraying agent reservoir in which a predetermined quantity of spraying agent can be stored; a stationary spraying unit to be placed adjacently of the inner rail of the curved part of the railway track and comprising at least one spray head connectable to the spraying agent reservoir for spraying lubricant in the direction of the top part of the inner rail; a vibration sensor for detecting the vibrations generated by a rail vehicle in one or more of the rails and for generating a signal representative of the presence of a rail vehicle; control means coupled to the spraying unit and the vibration sensor for controlling the spraying unit subject to the signal from the vibration sensor so that the lubricant comes to lie directly on the top side of the inner rail in the correct predetermined lubricant dosage.

IPC 8 full level
B61K 3/00 (2006.01); **E01B 7/26** (2006.01)

CPC (source: EP)
B61K 3/00 (2013.01)

Citation (applicant)
• EP 0787638 A2 19970806 - MAZZI GRAZIADIO [IT], et al
• US 2004011593 A1 20040122 - APPLEBY GLEN [CA], et al
• DE 4141049 A1 19920702 - G & S HYDRAULIK GES MBH [AT]
• US 2004031647 A1 20040219 - LESLIE CARLTON [US], et al

Citation (search report)
• [XDA] EP 0787638 A2 19970806 - MAZZI GRAZIADIO [IT], et al
• [XDAY] US 2004031647 A1 20040219 - LESLIE CARLTON [US], et al
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