

Title (en)

Railroad spring frog assembly

Title (de)

Federherzstück für Eisenbahn

Title (fr)

Coeur de croisement à ressort pour voie ferrée

Publication

**EP 0984103 A1 20000308 (EN)**

Application

**EP 98630048 A 19980904**

Priority

EP 98630048 A 19980904

Abstract (en)

The railroad trackwork spring wing frog assembly is provided with multiple rail-closer subassemblies (70), preferably of the nested and counter-wound compression spring-type, that co-operate with the assembly spring wing rail (50), and that are laterally spaced-apart with respect to each other along the angled rail portion (58) of the frog assembly spring wing rail (50). <IMAGE>

IPC 1-7

**E01B 7/14**; B61L 11/02

IPC 8 full level

**B61L 11/02** (2006.01); **E01B 7/14** (2006.01)

CPC (source: EP)

**B61L 11/02** (2013.01); **E01B 7/14** (2013.01)

Citation (search report)

- [X] US 2036198 A 19360407 - COOPER GEORGE M, et al
- [DA] US 5544848 A 19960813 - KUHN STEPHEN R [US], et al
- [DA] US 4624428 A 19861125 - FRANK EARL E [US]

Cited by

CN109183527A

Designated contracting state (EPC)

AT DE ES FR GB IT

DOCDB simple family (publication)

**EP 0984103 A1 20000308**

DOCDB simple family (application)

**EP 98630048 A 19980904**