

Title (en)  
CONVEYOR CHAIN FOR FEEDING CARTRIDGES TO AUTOMATIC GUNS

Publication  
**EP 0231493 B1 19890201 (DE)**

Application  
**EP 86117391 A 19861213**

Priority  
CH 23986 A 19860122

Abstract (en)  
[origin: US4841837A] A cradle or bucket chain of an ammunition conveyor system serves to deliver cartridges from an ammunition magazine through a cartridge infeed channel to an automatic firing weapon. The cradle chain is able to easily move through a markedly curved cartridge infeed channel. This cradle chain is constructed such that there is not needed a separate guide track or rail and such that the cartridges can be easily withdrawn from or cammed out of the cradle chain in the vicinity of the automatic firing weapon. For this purpose the individual cradle elements of the cradle chain are each provided with a cartridge infeed cam for infeeding the cartridges to the automatic firing weapon. Each cradle element further possesses a sword or tongue member projecting into a guide groove of the cartridge infeed channel. Additionally, each cradle element of the cradle chain is guided by means of two oppositely situated walls of the cartridge infeed channel.

IPC 1-7  
**F41D 10/22**

IPC 8 full level  
**F41A 9/30** (2006.01); **F41A 9/04** (2006.01); **F41A 9/76** (2006.01)

CPC (source: EP US)  
**F41A 9/04** (2013.01 - EP US); **F41A 9/76** (2013.01 - EP US)

Cited by  
FR2715463A1; US5571984A; EP0361050A1; US4951547A

Designated contracting state (EPC)  
CH DE ES FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0231493 A1 19870812; EP 0231493 B1 19890201**; BR 8700283 A 19871208; DE 3662013 D1 19890309; ES 2006679 B3 19910716; JP S62172198 A 19870729; US 4841837 A 19890627

DOCDB simple family (application)  
**EP 86117391 A 19861213**; BR 8700283 A 19870122; DE 3662013 T 19861213; ES 86117391 T 19861213; JP 918787 A 19870120; US 457787 A 19870120