

Title (en)  
SUSPENSION FOR TRANSPORT MEANS

Publication  
**EP 0017856 B1 19821222 (DE)**

Application  
**EP 80101760 A 19800402**

Priority  
DE 2915236 A 19790414

Abstract (en)  
[origin: US4314512A] A damped suspension system for conveyors which has a pair of shock absorbers each of which is associated with an initial stressed spring thereby exerting a balancing effect. In preferred embodiments the shock absorbers are provided with means comprising, for example, a casing and a sleeve wherein the cylinder is executing an up and down movement relative to the sleeve. Casing and sleeve each supporting one end of the spring during movement of the conveyer in a straight line. Since, during an inclination of the cabin of the conveyor, both ends of the spring located on the lower side of the cabin are supported only through the casing, there is no possibility of a releasing. Thereby at least the initial force of the spring located on the raised side of the cabin is effective for a reset of the cabin into its vertical position.

IPC 1-7  
**B61B 12/04**; **B61B 3/00**

IPC 8 full level  
**B61B 13/06** (2006.01); **B61B 3/00** (2006.01); **B61B 12/02** (2006.01); **B61B 12/04** (2006.01)

CPC (source: EP US)  
**B61B 12/02** (2013.01 - EP US); **B61B 12/04** (2013.01 - EP US)

Cited by  
AT395965B

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

DOCDB simple family (publication)  
**EP 0017856 A1 19801029**; **EP 0017856 B1 19821222**; AT E2058 T1 19830115; DE 2915236 A1 19801023; DE 3061402 D1 19830127; JP S55140642 A 19801104; US 4314512 A 19820209

DOCDB simple family (application)  
**EP 80101760 A 19800402**; AT 80101760 T 19800402; DE 2915236 A 19790414; DE 3061402 T 19800402; JP 4700180 A 19800411; US 13562080 A 19800331