

Title (en)
Conveyor.

Title (de)
Fördereinrichtung.

Title (fr)
Convoyeur.

Publication
EP 0440919 B1 19940302 (DE)

Application
EP 90123489 A 19901207

Priority
DE 4003431 A 19900206

Abstract (en)
[origin: EP0440919A1] A conveyor is presented which consists of individual carriers which can be driven in pushing or pulling mode and can be coupled together to form a train. The overall length of this conveyor is absolutely constant both in pulling and pushing mode. For this purpose, the individual carriers are connected to one another via elastic coupling elements (1) both in a positively locking and in a frictionally locking fashion so that a spatially articulated arrangement which is free of play is constructed. Instead of the elastic coupling elements (1), cardan joints (4) can be provided which are prestressed via springs (5a, 5c) which exert a compressive force on the joint part via a ball (6a, 6c) or a bolt (6a, 6c) so that the cardan joint (4) itself is absolutely free of play. <IMAGE>

IPC 1-7
B61G 5/02; **B61B 13/04**

IPC 8 full level
B61B 13/00 (2006.01); **B61B 13/04** (2006.01); **B61G 5/02** (2006.01)

CPC (source: EP)
B61B 13/04 (2013.01); **B61G 5/02** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0440919 A1 19910814; **EP 0440919 B1 19940302**; AT E102137 T1 19940315; DE 4003431 A1 19910808; DE 4003431 C2 19920326; DE 59004794 D1 19940407; ES 2049901 T3 19940501; JP H04212668 A 19920804

DOCDB simple family (application)
EP 90123489 A 19901207; AT 90123489 T 19901207; DE 4003431 A 19900206; DE 59004794 T 19901207; ES 90123489 T 19901207; JP 1449891 A 19910205