

Title (en)
Conveyor

Title (de)
Fördervorrichtung

Title (fr)
Convoyeur

Publication
EP 1298078 A3 20030409 (DE)

Application
EP 02024855 A 19970222

Priority
• DE 19608133 A 19960302
• EP 97102936 A 19970222

Abstract (en)
[origin: EP0792823A1] The conveyor comprises a roller-mounted transport carriage (1) with one or more entrainment members (36,37) on the carriage engaging in recesses of the drive means (4,6) during normal transport mode. In the event of overload the entrainment member is brought out of the recesses in order to stop the carriage. The entrainment member can be mounted sprung against the drive means. The entrainment member and drive means can be arranged to interact so that the entrainment member is disengaged by the drive means. The position (a1) of both the entrainment members may correspond to multiple of divisions of the drive means.

IPC 1-7
B65G 19/02; **B65G 35/06**

IPC 8 full level
B65G 19/02 (2006.01); **B61B 13/12** (2006.01); **B65G 35/06** (2006.01); **B65G 43/02** (2006.01)

CPC (source: EP US)
B61B 13/12 (2013.01 - EP US)

Citation (search report)
• [X] DE 3713431 A1 19881110 - BLEICHERT FOERDERANLAGEN GMBH [DE]
• [X] US 3357368 A 19671212 - BORJE FONDEN PER
• [A] US 3737024 A 19730605 - GELZER J
• [A] EP 0587015 A1 19940316 - VON ROLL AG [CH]
• [A] US 5213195 A 19930525 - STICHT WALTER [AT]

Cited by
CN104309318A

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

DOCDB simple family (publication)
EP 0792823 A1 19970903; **EP 0792823 B1 20030507**; DE 19608133 A1 19970904; DE 19608133 C2 20020711; DE 59710000 D1 20030612; EP 1298078 A2 20030402; EP 1298078 A3 20030409; JP 3140390 B2 20010305; JP H09323812 A 19971216; US 6070534 A 20000606

DOCDB simple family (application)
EP 97102936 A 19970222; DE 19608133 A 19960302; DE 59710000 T 19970222; EP 02024855 A 19970222; JP 4682097 A 19970303; US 80584897 A 19970303