

Title (en)

Device for feeding a web in a station working on it in a stopped condition, the web being fed in a continuous manner

Title (de)

Vorrichtung zum Zuführen einer kontinuierlich ankommenden Bahn in einer Station, die sie in angehaltenem Zustand bearbeitet

Title (fr)

Dispositif d'alimentation d'une bande dans une station la travaillant à l'arrêt, cette bande arrivant de manière continue

Publication

EP 0742170 B1 19990210 (FR)

Application

EP 96106944 A 19960503

Priority

CH 130595 A 19950508

Abstract (en)

[origin: EP0742170A2] The feeder consists of a first drive roller (10) and a satellite roller (20) which can oscillate about it between upper and rear positions on side levers (52, 53, 55) On the drive roller's shaft. The driving pinion (29) of the satellite roller (20) meshes with a toothed gear (14) of the same diameter fixed to the drive roller shaft. The feeder is equipped with a counterweight (80) which is rotated by the toothed gear (14) and is mounted on an arm (70) which pivots about the drive roller shaft (12) and is connected by a mechanism (54, 60, 61, 62, 65) to the side levers (52, 53), enabling it to oscillate in the opposite direction to the satellite roller. The counterweight is driven by a pinion (76) of the same diameter as gear (14), and has moments of inertia relative to its axis of rotation and to the axis of arm (70).

IPC 1-7

B65H 20/04; **B65H 20/24**; **B65H 20/34**

IPC 8 full level

B65H 23/188 (2006.01); **B65H 20/04** (2006.01); **B65H 20/24** (2006.01)

CPC (source: EP KR US)

B65H 20/04 (2013.01 - EP US); **B65H 20/24** (2013.01 - EP US); **B65H 23/00** (2013.01 - KR); **B65H 2404/14211** (2013.01 - EP US)

Cited by

KR20210032533A; RU2758611C1; US11577482B2; US11180335B2; WO2010063353A1; WO2020052809A1; WO2012007092A1; US8733222B2; US10829331B2

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