

Title (en)

Torque limiting mechanism for use in a drive system.

Title (de)

Drehmomentbegrenzungsmechanismus zur Verwendung in einem Antriebssystem.

Title (fr)

Mécanisme de limitation du moment de rotation, en usage dans un système d'entraînement.

Publication

EP 0486252 B1 19950412 (EN)

Application

EP 91310410 A 19911112

Priority

GB 9024998 A 19901116

Abstract (en)

[origin: EP0486252A2] The invention relates to a torque limiting mechanism comprising rotatable drive and driven members (144,146) having a common axis of rotation. The drive member (144) includes a resilient tripping finger (152) having an end portion (154) which is adapted to engage resiliently in a recess (166) formed in the inner surface of a cylindrical portion (162) of the driven member (146) for the purpose of applying a driving torque to the driven member (146). In the event of this torque exceeding a certain limit, the tripping finger (152) is caused to become disengaged from the recess (166), thereby disconnecting the drive to the driven member (146) and permitting the drive member (144) to rotate relative to the driven member (146). The torque limiting mechanism may be included in a drive system included in a currency note pick mechanism, the torque limiting mechanism serving to disconnect drive to the pick mechanism in the event of a gulp feed occurring. <IMAGE>

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IPC 8 full level

B65H 3/08 (2006.01); **B65H 5/06** (2006.01)

CPC (source: EP)

B65H 3/0808 (2013.01); **B65H 5/062** (2013.01); **B65H 2301/321** (2013.01)

Citation (examination)

- GB 2205649 A 19881214 - NCR CO
- PATENT ABSTRACTS OF JAPAN vol. 10, no. 114 (M-473)(2171) 26 April 1986 & JP-A-60 241 533 (NIHON HATSUNIYOU K.K.) 16 May 1984

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