

Title (en)

Device for storing and dispensing sheetlike materials.

Title (de)

Vorrichtung zur Aufnahme und Abgabe von blattförmigen Materialien.

Title (fr)

Dispositif pour l'emmagasiner et la distribution de matériaux en forme de feuilles.

Publication

EP 0000227 A1 19790110 (EN)

Application

EP 78200052 A 19780620

Priority

GB 2790577 A 19770704

Abstract (en)

A device for storing and dispensing sheetlike materials comprises a coilable web (23) transferrable from one reel (20) onto another (22) and vice versa. For the storing of the sheets (24), the latter are introduced between adjacent convolutions of the web during the winding-up cycle. Dispensing of the sheets occurs by unwinding the previously coiled web (23) so that the sheets (24) are released again. The web (23) is driven by a rotating feeding roller (21). Via a slip clutch (28, 29) mounted on the reel driving shafts (20, 22), the web (23) is kept tensioned. As such, the problems of prior art systems, which make use of directly driven reels and which require a controlling of the coil diameter in order to store and dispense sheets at a uniform speed and tension, are avoided. The system is mounted in a light tight housing (11) and forms part of an X-ray daylight system in which it is used as intermediate magazine for unloading radiographic cassettes.

IPC 1-7

G03B 41/18

IPC 8 full level

B65H 5/28 (2006.01); **B65H 29/51** (2006.01); **G03B 42/04** (2006.01); **G03D 13/00** (2006.01)

CPC (source: EP)

G03B 42/045 (2013.01)

Cited by

EP0559396A1; EP0803762A1; US6071023A; EP0209177A1; US4715500A; AT386587B

Designated contracting state (EPC)

BE DE GB

DOCDB simple family (publication)

EP 0000227 A1 19790110; FR 2396714 A1 19790202; FR 2396714 B1 19820108; JP S5444886 A 19790409

DOCDB simple family (application)

EP 78200052 A 19780620; FR 7729912 A 19771003; JP 8140178 A 19780704