

Title (en)

A dye donor web loading apparatus for a thermal printer.

Title (de)

Vorrichtung zum Laden des farbstoffgebenden Elementes in einem Thermodrucker.

Title (fr)

Dispositif pour le chargement de l'élément donneur de colorant dans une imprimante thermique.

Publication

**EP 0573969 A1 19931215 (EN)**

Application

**EP 93109225 A 19930608**

Priority

US 89601692 A 19920609

Abstract (en)

A dye donor web loading apparatus (10) is provided for a thermal printer having a base (14) and a door (16). First and second guiding support assemblies (18) are attached to the door (16) and spaced apart the length of a donor web spool. The first guiding support assembly (18) has a first member movable between locked and unlocked positions and biased towards the locked position. The second guiding support assembly has a second member movable between locked and unlocked positions and biased towards the locked position. The members snap onto the spool when the spool is properly inserted. The members have tapered slots for receiving and guiding the donor spool. The members may be color coded, or the spools may have different lengths, or the web may be positioned differently on each spool, to prevent improper insertion of the spool. <IMAGE>

IPC 1-7

**B41J 17/32**; **B41J 29/02**

IPC 8 full level

**B41J 17/24** (2006.01); **B41J 17/32** (2006.01); **B41J 29/02** (2006.01)

CPC (source: EP)

**B41J 17/32** (2013.01); **B41J 29/02** (2013.01)

Citation (search report)

- [YD] US 4768039 A 19880830 - AKUTAGAWA HIROSHI [JP], et al
- [Y] EP 0410396 A2 19910130 - CANON KK [JP]
- [AD] US 4717270 A 19880105 - TSUTSUMI TERUO [JP]
- [A] GB 2226594 A 19900704 - SEIKOSHA KK [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 50 (M-562)(2497) 17 February 1987 & JP-A-61 213 181 ( MITSUBISHI ELECTRIC CORP ) 22 September 1986

Cited by

FR2766411A1; FR2766410A1; WO9902347A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0573969 A1 19931215**; JP H0632006 A 19940208

DOCDB simple family (application)

**EP 93109225 A 19930608**; JP 13461393 A 19930604