

Title (en)

Manual scanning type printing device.

Title (de)

Druckvorrichtung mit manueller Abtastung.

Title (fr)

Dispositif d'impression du type à balayage manuel.

Publication

**EP 0342697 A2 19891123 (EN)**

Application

**EP 89109062 A 19890519**

Priority

JP 6585388 U 19880520

Abstract (en)

A manual scanning type printing device formed with a long and narrow cylindrical shape is disclosed. Casing member (14) has a longitudinal hollow portion. An ink tape cassette (21) is received in the hollow portion. A thermal head (24) and a rubber roller (29) rotating on recording paper are arranged below the ink tape cassette mounting section. A driving gear (31) is coaxially coupled with the rubber roller (29). A take-up gear (41) having a take-up shaft (42) for taking up the ink tape is arranged in the ink tape cassette receiving section of the hollow portion. Further, a plurality of intermediate gears (32 to 40) are arranged between the driving gear (31) and take-up gear (41). An encode plate (36) is coaxially coupled with one of the intermediate gears (32 to 40). The intermediate gears, encode plate and take-up gear are linearly arranged in the longitudinal direction along the hollow portion so that a practical pen type manual scanning type printing device whose width is small can be attained.

IPC 1-7

**B41J 3/36**

IPC 8 full level

**B41J 3/28** (2006.01); **B41J 5/48** (2006.01); **B41J 33/388** (2006.01); **G06K 15/00** (2006.01)

CPC (source: EP)

**B41J 3/28** (2013.01)

Cited by

WO9821039A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0342697 A2 19891123**; **EP 0342697 A3 19900425**; JP H01169337 U 19891129

DOCDB simple family (application)

**EP 89109062 A 19890519**; JP 6585388 U 19880520