

Title (en)

PRINTING PROCESS USING A ROLLER PLATEN FOR A CHARACTER BELT IN A LINE PRINTER

Publication

EP 0046812 B1 19841128 (DE)

Application

EP 80104963 A 19800821

Priority

EP 80104963 A 19800821

Abstract (en)

[origin: US4377973A] The continuous type belt is arranged round two rollers, one of which is driven. One straight section of the type belt contacts over its entire length the support designed as a platen. In order to avoid groove on the platen caused by the rotating type belt, and to achieve a distribution of other kinds of wear of the platen over its circumference, a gear motor causes the platen to rotate very slowly (approximately 1 revolution in 72 hours). The platen can also be rotated without a gear motor. For this purpose, the longitudinal axis of the platen is slightly inclined relative to the edge of the type belt. This inclination effects a small movement component in the direction of the platen circumference while the type belt slides along the lateral surface of the platen, said component causing a slow revolution of the platen.

IPC 1-7

B41J 11/04

IPC 8 full level

B41J 11/20 (2006.01); **B41J 1/20** (2006.01); **B41J 11/02** (2006.01); **B41J 11/04** (2006.01)

CPC (source: EP US)

B41J 1/20 (2013.01 - EP US); **B41J 11/04** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

US 4377973 A 19830329; CA 1161691 A 19840207; DE 3069706 D1 19850110; EP 0046812 A1 19820310; EP 0046812 B1 19841128; JP S5753362 A 19820330; JP S635273 B2 19880202

DOCDB simple family (application)

US 26362281 A 19810514; CA 380778 A 19810626; DE 3069706 T 19800821; EP 80104963 A 19800821; JP 10716781 A 19810710