

Title (en)

An air bearing unit for an electrostatographic printing apparatus with endless recording belt

Title (de)

Eine Luftkisseneinheit für ein elektrostatisches Druckgerät mit einem Endlosaufzeichnungsband

Title (fr)

Une unité à coussin d'air pour un appareil à imprimer électrostatisque avec une bande d'enregistrement sans fin

Publication

EP 0883036 A2 19981209 (EN)

Application

EP 98303931 A 19980519

Priority

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- EP 97201681 A 19970605
- US 5271597 P 19970716

Abstract (en)

Electrostatographic printing apparatus with a recording member in the form of an endless belt (26), and an air bearing (50) for guiding such belt along an endless path, which air bearing comprises two belt-supporting end sections (53, 54) with a certain circumferential size, arranged for producing supporting air cushions for supporting both marginal portions of the endless belt (26) while the belt (26) is angularly wrapped about said sections (53, 54), an intermediate section (59) located between such end sections (53, 54) for providing support for the belt (26) if a central portion thereof would tend to become displaced exaggeratedly inwardly of the bearing (50), and two air cushion relief sections (61, 62), each one located inwardly adjacent to a corresponding end section of the bearing (50), and having a circumferential size which is smaller than that of said end sections (53, 54). <IMAGE>

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