

Title (en)

Ultrasonic cleaning assist to reduce friction between the cleaner and photoreceptor using normal force vibration

Title (de)

Ultraschallunterstützte Reinigung zur Verringerung der Reibung zwischen Reinigungselement und Photorezeptor durch eine Normalkraftschwingung

Title (fr)

Nettoyage assisté par ultrasons pour réduire le frottement entre l'élément de nettoyage et le photorécepteur à l'aide d'une force de vibration normale

Publication

**EP 0740225 A2 19961030 (EN)**

Application

**EP 96302572 A 19960412**

Priority

US 42702095 A 19950424

Abstract (en)

An apparatus for cleaning particles from a surface (11) in a printing machine that includes a blade (100) and a vibrational apparatus (150). The blade (100) has a fixed end and a free end opposed to one another. The free end contacts a side of the surface forming a cleaning edge to remove particles from the surface. The vibrational apparatus (150) is positioned opposite the blade (100) with the surface located between the blade and the vibrational apparatus. The vibrational apparatus reduces friction and lowers the level of blade force required between the blade and the surface to prevent tucking of the blade. <IMAGE>

IPC 1-7

**G03G 21/00**

IPC 8 full level

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CPC (source: EP)

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