

Title (en)

Hot pressure fixing device

Title (de)

Wärmedruckfixiervorrichtung

Title (fr)

Dispositif de fixation par chaleur et pression

Publication

EP 0997795 A2 20000503 (EN)

Application

EP 99307903 A 19991007

Priority

- EP 99307903 A 19991007
- EP 98308831 A 19981028

Abstract (en)

The device comprises a heated fuser roller (12) in contact with a reaction member (14) to form a nip (16) through which a substrate path (18) extends. A release agent application device (22) applies release agent from a supply (20, 120) to the fuser roller (12). A cleaning device comprises an intermediate roller (50) in rolling contact with the fuser roller (12) downstream of the nip (16) to collect residual toner particles and debris from the heated fuser roller (12). Cleaning means (52) remove the toner particles and debris from the intermediate roller (50). The residual toner and paper debris do not contaminate the supply of release agent thereby ensuring that a consistent supply of release agent to the heated fuser roller is achievable. Furthermore, any excess release agent supplied to the heated fuser roller is removed without allowing it to become transferred onto the substrate. <IMAGE>

IPC 1-7

G03G 15/20

IPC 8 full level

G03G 15/20 (2006.01)

CPC (source: EP)

G03G 15/2025 (2013.01); **G03G 2215/2093** (2013.01)

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