

Title (en)

Heating unit for heating an image carrier in a printing or copying machine.

Title (de)

Wärmestation zum Erwärmen eines Aufzeichnungsträgers in einem Druck- oder Kopiergerät.

Title (fr)

Unité de chauffage pour chauffer un support d'enregistrement dans une imprimante ou un copieur.

Publication

EP 0486723 B1 19940608 (DE)

Application

EP 90122332 A 19901122

Priority

EP 90122332 A 19901122

Abstract (en)

[origin: EP0486723A1] A heating unit with belt transport includes a first electromotively driven endless belt (35/1), assigned to a front side of an image carrier (33), as well as a second electromotively driven endless belt (35/2), assigned to a rear side of the image carrier (33). The endless belts (35/1, 35/2) are arranged opposite each other in such a way that a heating channel (36) for the image carrier (33) is formed, which channel extends from an entrance area up to an exit area and in which the image carrier (33) is heated and fixed. For heating, the endless belts (35/1, 35/2) are led over a heating saddle (41). The heating unit can be used both as a preheating device and as a fixing unit for image carriers of any type in printing or copying machines.

IPC 1-7

G03G 15/20; G03G 15/00

IPC 8 full level

G03G 15/16 (2006.01); **G03G 15/20** (2006.01)

CPC (source: EP)

G03G 15/161 (2013.01); **G03G 15/2003** (2013.01); **G03G 15/2064** (2013.01); G03G 2215/1695 (2013.01); G03G 2215/2083 (2013.01)

Citation (examination)

WO 9206417 A1 19920416 - SIEMENS NIXDORF INF SYST [DE]

Cited by

EP0864943A1; EP0867786A1; US5983063A; US6002894A

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0486723 A1 19920527; **EP 0486723 B1 19940608**; DE 59006076 D1 19940714

DOCDB simple family (application)

EP 90122332 A 19901122; DE 59006076 T 19901122