

Title (en)
ELECTROPHOTOGRAPHIC PRINTING DEVICE OF MODULAR CONSTRUCTION

Title (de)
MODULAR AUFGEBAUTE ELEKTROFOTOGRAFISCHE DRUCKVORRICHTUNG

Title (fr)
SYSTEME D'IMPRESSION ELECTROPHOTOGRAPHIQUE DE CONSTRUCTION MODULAIRE

Publication
EP 1328849 A1 20030723 (DE)

Application
EP 01982403 A 20011006

Priority
• DE 10052371 A 20001020
• EP 0111539 W 20011006

Abstract (en)
[origin: US2004047647A1] An electrophotographic printing device of modular construction with a support device, including a transport device, upon which a substrate may be transported between a start position and a target position and one or several electrophotographic units arranged on the support device, between the start and target position, having a developer unit, a photoconductor and an illumination unit for the photoconductor. The support device includes two or more housing positions arranged one behind the other in the transport direction of the transport device, provided with unitary mechanical interfaces. The electrophotographic units include unitary fixing pieces which are complementary in form to the interfaces. Such a printing device may be flexibly laid out due to the technical assembly thereof and may be individually set-up easily for specific printing jobs.

IPC 1-7
G03G 15/01; **G03G 21/16**

IPC 8 full level
G03G 15/22 (2006.01); **G03G 15/01** (2006.01); **G03G 21/16** (2006.01)

CPC (source: EP US)
G03G 15/0194 (2013.01 - EP US); **G03G 21/1604** (2013.01 - EP US); **G03G 2221/1603** (2013.01 - EP US); **G03G 2221/1651** (2013.01 - EP US); **G03G 2221/166** (2013.01 - EP US); **G03G 2221/1696** (2013.01 - EP US)

Citation (search report)
See references of WO 0235293A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
US 2004047647 A1 20040311; **US 7031636 B2 20060418**; AT E418092 T1 20090115; AU 1399702 A 20020506; CA 2426287 A1 20030422; CN 1266552 C 20060726; CN 1470011 A 20040121; DE 10052371 A1 20020502; DE 50114589 D1 20090129; EP 1328849 A1 20030723; EP 1328849 B1 20081217; ES 2317946 T3 20090501; JP 2004512568 A 20040422; JP 4355492 B2 20091104; WO 0235293 A1 20020502

DOCDB simple family (application)
US 39961903 A 20031020; AT 01982403 T 20011006; AU 1399702 A 20011006; CA 2426287 A 20011006; CN 01817529 A 20011006; DE 10052371 A 20001020; DE 50114589 T 20011006; EP 0111539 W 20011006; EP 01982403 A 20011006; ES 01982403 T 20011006; JP 2002538215 A 20011006