

Title (en)
Protective casing for tonerstation drive chain

Title (de)
Tonerstation-Antriebskettenschutzbaugruppe

Title (fr)
Structure protectrice pour la chaîne de transmission d'une unité de développement

Publication
EP 1213622 A3 20060208 (DE)

Application
EP 01128429 A 20011205

Priority
US 73495600 A 20001211

Abstract (en)
[origin: EP1213622A2] Electro-photographic printer has an improved flexible chain guard (50) for protection of the toner housing drive chain against dirtying by toner dust. The printer can also have a rigid chain guard that is arranged alongside the flexible guard so that flexible and rigid guards are overlapping. Toner station (10) has a drive chain (28, 34) that drives a rotating housing (16) with a photo-conductor (13) arranged adjacently to the housing forming an image development area. The flexible chain guard is next to the image development area. Independent claims are made for electro-photographic toner station, printer and toner station drive chain protection assembly.

IPC 8 full level
G03G 15/00 (2006.01); **G03G 15/08** (2006.01)

CPC (source: EP US)
G03G 15/0806 (2013.01 - EP US); **G03G 15/0898** (2013.01 - EP US); **G03G 2221/1657** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0740227 A1 19961030 - CANON KK [JP]
- [A] US 5970294 A 19991019 - NARITA KENJI [JP], et al
- [A] US 4469427 A 19840904 - KOPP WALTER [DE], et al

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)
EP 1213622 A2 20020612; EP 1213622 A3 20060208; CA 2361357 A1 20020512; CA 2361357 C 20050322; DE 10159790 A1 20020613; JP 2002202661 A 20020719; JP 4383010 B2 20091216; US 2002071692 A1 20020613; US 6553194 B2 20030422

DOCDB simple family (application)
EP 01128429 A 20011205; CA 2361357 A 20011109; DE 10159790 A 20011205; JP 2001373102 A 20011206; US 73495600 A 20001211