Title (en)

Printer

Title (de)

Drucker

Title (fr)

Imprimante

Publication

EP 2088002 A2 20090812 (EN)

Application

EP 09001554 A 20090204

Priority

JP 2008025782 A 20080205

Abstract (en)

Provided is a printer that includes a print head, to which a carrier stopper which is low-cost and excellent in antiwear property is attached. A carrier stopper (3) is provided on a print head (1) such that the carrier stopper (3) is at a position closer to a print sheet (P) than a ribbon mask (2) is. When the print head (1) moves in a direction toward a platen that supports the print sheet (P), the carrier stopper (3) is pressed onto the print sheet (P). As a result, the position of the print sheet (P) and the interval between the print head (1) and the print sheet (P) are detected. The base of the carrier stopper (3) is made of an aluminum material, and a diamond-like carbon (DLC) film is formed on at least a surface of the carrier stopper (3) that contacts the print sheet (P).

IPC 8 full level

B41J 25/308 (2006.01); B41J 11/20 (2006.01)

CPC (source: EP)

B41J 25/308 (2013.01)

Citation (applicant)

JP 2005262807 A 20050929 - SEIKO PRECISION KK

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2088002 A2 20090812; EP 2088002 A3 20100324; JP 2009184208 A 20090820; JP 4472760 B2 20100602

DOCDB simple family (application)

EP 09001554 A 20090204; JP 2008025782 A 20080205