

Title (en)

TWO-STAGE CAPPING MECHANISM FOR INKJET PRINTERS

Title (de)

ZWEISTUFIGER ABDECKMECHANISMUS FÜR TINTENSTRAHLDRUCKER

Title (fr)

MECANISME DE RECOUVREMENT A DEUX ETAPES POUR IMPRIMANTES A JET D'ENCRE

Publication

**EP 1827839 A1 20070905 (EN)**

Application

**EP 04822526 A 20041206**

Priority

AU 2004001716 W 20041206

Abstract (en)

[origin: WO2006060844A1] A capping mechanism (21) for a printhead having a capping member (29) which has a length corresponding substantially to the length of the printhead and which is configured to contact the printhead in nozzle capping engagement, and a pivotal carrier (30) supporting the capping member. An actuating mechanism (31) is provided and arranged to effect pivotal movement of the carrier back and forth between a first position at which the capping member is located remotely with respect to the printhead and a second position at which the capping member is located in contact with the printhead. The capping member is pivotally mounted to the carrier and is arranged to pivot relative to the carrier during back and forth transitional movement of the carrier between a transition position and the second position, wherein the transition position is located intermediate the first and second position.

IPC 8 full level

**B41J 2/165** (2006.01)

CPC (source: EP KR)

**B41J 2/155** (2013.01 - KR); **B41J 2/16511** (2013.01 - EP KR); **B41J 2/16585** (2013.01 - EP KR); **B41J 2/16588** (2013.01 - KR)

Cited by

US10696052B1; US10919299B1; US10632757B1; US10800174B2; US11383525B2; US10518551B1; US10889117B2; US10717284B1; US10814631B2; US10518537B1; US10710371B1; US10857798B2; US10710370B2; US10894411B2; US10933641B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006060844 A1 20060615**; AT E423009 T1 20090315; AU 2004325546 A1 20060615; AU 2004325546 B2 20090820; CA 2588637 A1 20060615; CA 2588637 C 20101012; DE 602004019585 D1 20090402; EP 1827839 A1 20070905; EP 1827839 A4 20080206; EP 1827839 B1 20090218; JP 2008522861 A 20080703; KR 100959218 B1 20100519; KR 20070086912 A 20070827

DOCDB simple family (application)

**AU 2004001716 W 20041206**; AT 04822526 T 20041206; AU 2004325546 A 20041206; CA 2588637 A 20041206; DE 602004019585 T 20041206; EP 04822526 A 20041206; JP 2007544689 A 20041206; KR 20077015276 A 20041206