

Title (en)
Sheet feeding unit

Title (de)
Bogenzuführeinheit

Title (fr)
Unité d'alimentation de feuille

Publication
EP 2944590 A3 20160309 (EN)

Application
EP 15167564 A 20150513

Priority
• JP 2014100682 A 20140514
• JP 2015084209 A 20150416

Abstract (en)
[origin: EP2944590A2] A printer which reduces feeding failure that occurs when a roller (120) is pressed against a sheet of paper by power of a driving source includes: a rotating member (114) which rotates around a first axis; a connecting member (119) which connects with the rotating member (114); a roller (120) which is disposed in the connecting member (119) and rotates around a second axis to transfer a medium; and a support member (130) disposed across from the roller (120), wherein the roller applies a force to the medium based on rotation of the rotating member (114), and the medium is transferred between the roller (120) and the support member (130).

IPC 8 full level
B65H 3/06 (2006.01); **B65H 3/52** (2006.01)

CPC (source: EP US)
B65H 1/04 (2013.01 - US); **B65H 3/06** (2013.01 - US); **B65H 3/0638** (2013.01 - US); **B65H 3/0669** (2013.01 - EP US); **B65H 3/0684** (2013.01 - EP US); **B65H 3/5223** (2013.01 - EP US); **B65H 2403/42** (2013.01 - EP US); **B65H 2403/946** (2013.01 - EP US); **B65H 2405/1118** (2013.01 - EP US)

Citation (search report)
• [X] EP 1591387 A1 20051102 - BROTHER IND LTD [JP]
• [X] US 2008150220 A1 20080626 - ELTZROTH DEAN ALAN [US], et al
• [X] US 2009315253 A1 20091224 - OSAKABE YOSHINORI [JP], et al

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2944590 A2 20151118; EP 2944590 A3 20160309; CN 105082788 A 20151125; JP 2015231912 A 20151224; US 2015329302 A1 20151119

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EP 15167564 A 20150513; CN 201510242724 A 20150513; JP 2015084209 A 20150416; US 201514710960 A 20150513