

Title (en)
HANDLING UNIT AND APPARATUS

Title (de)
HANDHABUNGSEINHEIT UND -GERÄT

Title (fr)
UNITÉ ET APPAREIL DE TRAITEMENT

Publication
EP 2354061 A4 20120808 (EN)

Application
EP 09830437 A 20091203

Priority
• JP 2009070291 W 20091203
• JP 2008311376 A 20081205

Abstract (en)
[origin: EP2354061A1] A sheet separation unit 61 is provided with a separation pad 61a arranged in a separation region T2 and allowing a first sheet of a plurality of sheets of paper P to be transported by making contact with a paper feed roller 71 to preferentially pass therethrough over other sheets of the plurality of sheets of paper P; a pickup plate 61c placed on an upstream side of the separation pad 61a and guiding a leading edge portion of a sheet among the plurality of sheets of paper P in a receiving region T1 to a portion between the paper feed roller 71 and the separation pad 61a; and a common unit base 61d holding both the pickup plate 61c and the separation pad 61a.

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

CPC (source: EP)
B65H 3/063 (2013.01); **B65H 3/5238** (2013.01); **B65H 2402/10** (2013.01); **B65H 2402/46** (2013.01); **B65H 2801/12** (2013.01)

Citation (search report)
• [XY] US 2002096819 A1 20020725 - FUKASAWA EIJI [JP], et al
• [Y] JP H0234537 U 19900306
• See references of WO 2010064671A1

Cited by
US10549937B2

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 SM TR

DOCDB simple family (publication)
EP 2354061 A1 20110810; EP 2354061 A4 20120808; CN 102227365 A 20111026; JP 2010132432 A 20100617; JP 5360749 B2 20131204; WO 2010064671 A1 20100610

DOCDB simple family (application)
EP 09830437 A 20091203; CN 200980147406 A 20091203; JP 2008311376 A 20081205; JP 2009070291 W 20091203