

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

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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)  
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