

Title (en)
Device for separating paper and cardboard

Title (de)
Vorrichtung zum Trennen von Papier und Karton

Title (fr)
Dispositif pour séparer papier et carton

Publication
EP 2111927 A1 20091028 (EN)

Application
EP 08007997 A 20080425

Priority
EP 08007997 A 20080425

Abstract (en)
The invention concerns a device for separating cardboard and paper comprising a sorting belt (13) on which a mixture of cardboard pieces (39) and paper sheets (37) is conveyed in a layer, above the sorting belt (13) sorting tines (3) for impaling and picking up cardboard pieces from the conveyed mixture, under the sorting tines (3) support means (13) for supporting the conveyed mixture and further comprising drive means for moving the sorting tines (3) synchronously with the conveyed mixture and towards and from the support means (13) for impaling and picking up the cardboard pieces. In accordance with the invention the support means (13) comprises a flexible surface (30) and the drive means move the sorting tines (3) towards the support means (13) till the sorting tines (3) press a depression in the flexible surface (30).

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CPC (source: EP)
B07B 13/003 (2013.01); **D21B 1/023** (2013.01); **D21B 1/028** (2013.01)

Citation (applicant)
EP 1785200 A1 20070516 - WAGENSVELD BV [NL]

Citation (search report)
• [A] EP 1785200 A1 20070516 - WAGENSVELD BV [NL]
• [A] EP 1291092 A2 20030312 - GRUMBACH GMBH & CO KG [DE]
• [A] FR 2725641 A1 19960419 - LENOIR RAOUL ETS [FR]

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