

Title (en)

Apparatus and process for sorting of bent elongated articles

Title (de)

Vorrichtung und Verfahren zum Aussortieren von gebogenen länglichen Gegenständen

Title (fr)

Dispositif et procédé de tri des produits longs et courbés

Publication

EP 1541248 B1 20070627 (DE)

Application

EP 04027046 A 20041113

Priority

DE 10358124 A 20031212

Abstract (en)

[origin: EP1541248A1] The sorting device (1) has a measuring path (3) provided with an angled rolling plane (4) along which the curved elongate items are rolled, with a switching unit (5) at the end of the measuring path for separation of curved elongate items from the straight elongate items, under control of a force measuring unit (61) measuring and evaluating the force of each elongate item on the rolling plane. An independent claim for a method for sorting curved elongate items is also included.

IPC 8 full level

B07C 5/06 (2006.01); **B07C 5/34** (2006.01)

CPC (source: EP US)

B07C 5/06 (2013.01 - EP US); **B07C 5/34** (2013.01 - EP US)

Cited by

CN104525484A; CN105618382A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 2005126959 A1 20050616; **US 7165681 B2 20070123**; AT E365590 T1 20070715; DE 10358124 B3 20050414; DE 502004004181 D1 20070809; EP 1541248 A1 20050615; EP 1541248 B1 20070627

DOCDB simple family (application)

US 269004 A 20041202; AT 04027046 T 20041113; DE 10358124 A 20031212; DE 502004004181 T 20041113; EP 04027046 A 20041113