

Title (en)  
SEPARATING DEVICE FOR LONGITUDINALLY EXTENDED SOLID MATERIAL PARTS

Title (de)  
ABSCHIEDEVORRICHTUNG FÜR LANGGESTRECKTE FESTSTOFFTEILE

Title (fr)  
DISPOSITIF DE SEPARATION POUR CORPS SOLIDES DE FORME ALLONGEE

Publication  
**EP 1079939 A1 20010307 (DE)**

Application  
**EP 99934482 A 19990511**

Priority  
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• DE 19822996 A 19980522

Abstract (en)  
[origin: US6360895B1] A separating device for elongate solid pieces includes a vibrating base with longitudinal grooves having a depth which decreases in a conveying direction, to allow efficient separation of elongate solid pieces, in particular of short pieces of wire, and to allow the separating device to operate continuously. The longitudinal grooves are adjoined by elongate, e.g. V-shaped, screen openings for separating the elongate solid pieces. Wide solid pieces can slide over the screen openings. The separating device is suitable in particular for separating small pieces of wire out of pyrolysis residue from a pyrolysis plant.

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**B07B 13/04**

IPC 8 full level  
**B07B 1/12** (2006.01); **B07B 13/04** (2006.01); **B07B 13/07** (2006.01)

CPC (source: EP KR US)  
**B07B 1/12** (2013.01 - EP KR US); **B07B 13/04** (2013.01 - EP US); **B07B 13/072** (2013.01 - EP KR US)

Cited by  
US11904361B2; WO2022042815A1; WO2022090571A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 6360895 B1 20020326**; AT E234691 T1 20030415; CA 2333222 A1 19991202; CN 1161191 C 20040811; CN 1302237 A 20010704; DE 19822996 C1 19990422; DE 59904636 D1 20030424; DK 1079939 T3 20030714; EP 1079939 A1 20010307; EP 1079939 B1 20030319; ES 2195591 T3 20031201; HU P0102391 A2 20011028; HU P0102391 A3 20020228; JP 2002516178 A 20020604; KR 20010034885 A 20010425; MY 118266 A 20040930; PL 344301 A1 20011022; PT 1079939 E 20030829; SK 17222000 A3 20010911; TW 450840 B 20010821; WO 9961174 A1 19991202

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**US 71893800 A 20001122**; AT 99934482 T 19990511; CA 2333222 A 19990511; CN 99806489 A 19990511; DE 19822996 A 19980522; DE 59904636 T 19990511; DE 9901430 W 19990511; DK 99934482 T 19990511; EP 99934482 A 19990511; ES 99934482 T 19990511; HU P0102391 A 19990511; JP 2000550617 A 19990511; KR 20007013129 A 20001122; MY PI9902002 A 19990520; PL 34430199 A 19990511; PT 99934482 T 19990511; SK 17222000 A 19990511; TW 88108278 A 19990520