

Title (en)

Pyrolysis plant for waste with screening device for residual solids

Title (de)

Pyrolyseanlage für Müll mit einer Siebvorrichtung für festen Reststoff

Title (fr)

Installation de pyrolyse pour déchets avec tamis pour résidus solides

Publication

EP 1348492 B1 20040728 (DE)

Application

EP 03011845 A 19990517

Priority

- DE 19823018 A 19980522
- EP 99936263 A 19990517

Abstract (en)

[origin: US6786335B1] A pyrolysis plant for refuse and a method for screening solid residues provide a sure and trouble-free sieving of a solid material using a sieving device having a configuration which is as simple as possible. A spiral formed by a rod which is wound in a helicoidal manner, or a plurality of such rods, are provided as the sieving device. The rod or rods can rotate around a longitudinal axis. The solid material is introduced into an interior formed by the rod for sieving, preferably with the assistance of an aligning device for longitudinally extended solid material parts. The spirals include, in particular, a bend so that the lodged solid materials can automatically detach themselves. The sieving device is especially suited for sieving pyrolysis residual material.

IPC 1-7

B07B 1/18; **C10B 1/10**; **C10B 53/00**

IPC 8 full level

B07B 1/18 (2006.01); **B07B 1/22** (2006.01); **B07B 1/46** (2006.01); **F23G 5/027** (2006.01); **C10B 1/10** (2006.01); **C10B 53/00** (2006.01)

CPC (source: EP KR US)

B07B 1/18 (2013.01 - EP KR US); **C10B 1/10** (2013.01 - EP KR US); **C10B 53/00** (2013.01 - EP KR US)

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US 6786335 B1 20040907; AT E260715 T1 20040315; AT E271930 T1 20040815; CA 2333051 A1 19991202; CN 1168545 C 20040929; CN 1268447 C 20060809; CN 1311719 A 20010905; CN 1530182 A 20040922; CZ 20004228 A3 20010815; DE 19823018 A1 19991125; DE 59908780 D1 20040408; DE 59910086 D1 20040902; DK 1144137 T3 20040614; DK 1348492 T3 20041206; EP 1144137 A2 20011017; EP 1144137 A3 20021120; EP 1144137 B1 20040303; EP 1348492 A1 20031001; EP 1348492 B1 20040728; ES 2219039 T3 20041116; ES 2225810 T3 20050316; HU P0204465 A2 20030428; JP 2003520116 A 20030702; KR 20010034887 A 20010425; MY 129544 A 20070430; PL 353029 A1 20031006; PT 1144137 E 20040730; PT 1348492 E 20041231; SK 17402000 A3 20011008; TW 515345 U 20021221; WO 9961172 A2 19991202; WO 9961172 A3 20021003

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