

Title (en)

Prevention of wedged jamming in disk screens.

Title (de)

Verhinderung des Festklemmens von Scheibensieben.

Title (fr)

Empêchement du blocage par coincement des tamis à disques.

Publication

**EP 0173638 A2 19860305 (EN)**

Application

**EP 85630134 A 19850821**

Priority

US 64613584 A 19840831

Abstract (en)

A disk screen especially adapted for scalping hog fuel and the like has the interdigitated disks (10) of the screening bed mounted on their shafts (9) in a manner to permit adjacent interdigitated disks (19) to deflect relatively when a migrant particle tends to engage wedgingly between the interdigitated disks (10) so that the migrant particle will be prevented from jamming the engaged disks (10) but will be cleared therefrom automatically in the continuing rotation of the disks (10). Resiliently yieldable elastomeric spacers (21) maintain the disks (10) in predetermined spaced relation to permit the relative deflection of the disks (10).

IPC 1-7

**B07B 1/15**

IPC 8 full level

**B01D 33/00** (2006.01); **B07B 1/15** (2006.01); **B07B 1/50** (2006.01); **D21D 5/02** (2006.01)

CPC (source: EP KR)

**B07B 1/15** (2013.01 - EP); **B07B 1/50** (2013.01 - EP); **D01B 1/00** (2013.01 - KR); **D21B 1/00** (2013.01 - KR)

Cited by

EP2921238A1; KR100784132B1; KR101257940B1; US5163564A; EP0274456A3; US6648145B2; AU641428B2; EP1785199A3; RU2728411C1; AU2018263545B2; WO9820986A1; US11407009B2; WO2018202395A1; WO02102526A1; WO9108058A1

Designated contracting state (EPC)

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