

Title (en)

FLEXIBLE LINK DISK DRIVE FOR MULTIPLE DISK REFINER

Publication

EP 0187611 A3 19861230 (EN)

Application

EP 85630214 A 19851203

Priority

US 68096284 A 19841212

Abstract (en)

[origin: EP0187611A2] A multiple disk refiner (10) which includes a housing (11) having an inlet (12) and an outlet (13) for a fiber suspension passing therethrough. Within the housing (11) there is a plurality of rotary refiner disks (20 to 25) positioned for rotation in the housing (11) and having refiner surfaces for providing a refining action on the fiber suspension as it passes from the inlet (12) to the outlet (13). A second plurality of refiner disks (28, 31, 33, 35, 36, 39) interleaved with the rotary refiner disks (20 to 25) and having refiner surfaces confronting the refiner surfaces of the rotary refiner disks (20 to 25) are positioned to provide narrow working gaps (30,32, 34, 37, 38, 40) between the sets of disks. In accordance with the present invention, a plurality of flexible links (51, 58) interconnect a drive with the rotary refiner disks (20 to 25) to provide rotational drive to the disks while accomodating axial deflection between the rotary refiner disks (20 to 25) and the drive.

IPC 1-7

D21D 1/30

IPC 8 full level

B02C 7/06 (2006.01); **D21D 1/30** (2006.01)

CPC (source: EP)

D21D 1/303 (2013.01)

Citation (search report)

- CH 168155 A 19340331 - REISTEN WERNER [DE]
- US 3371873 A 19680305 - THOMAS KEITH V

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CN107191561A

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0187611 A2 19860716; EP 0187611 A3 19861230; BR 8506187 A 19860826; CN 85108615 A 19860610; ES 549824 A0 19861001; ES 8700357 A1 19861001; FI 854480 A0 19851114; FI 854480 A 19860613; JP S61146895 A 19860704

DOCDB simple family (application)

EP 85630214 A 19851203; BR 8506187 A 19851210; CN 85108615 A 19851125; ES 549824 A 19851211; FI 854480 A 19851114; JP 26756085 A 19851129