

Title (en)

Pivotable feeder for pivoting elongated workpieces transversally, in particular wire pieces

Title (de)

Schwenkförderer zum Querverschwenken länglicher Werkstücke, insbesondere Drahtstücke

Title (fr)

Dispositif d'alimentation pivotable pour le pivotement transversal de pièces allongées, en particulier pièces en fil métalliques

Publication

**EP 0974412 A3 20010516 (DE)**

Application

**EP 99890238 A 19990716**

Priority

AT 159598 A 19980724

Abstract (en)

[origin: EP0974412A2] <NOV>Conveyor has sector shaped conveyor cradle (2) with curved support strips (3) and conveyor frame (4) supported on cross link (14). Forwarding strips (5) protrude between the support strips (3) and are attached to trunnions (7) on the conveyor frame (4) and the support strips (3) are attached to trunnions (6). <DDSC>The conveyor (1) has a sector shaped, conveyor cradle (2) with coaxial curved support strips (3) in the vertical axis. A conveyor frame (4) is located under the support strips, and supported in swivel-adjustable position with regards to the conveyor cradle. The frame has protruding forwarding strips (5) between the support strips (3). The support strips and the forwarding strips (5) form notch-like workpiece slots which are arranged on radials to the vertical axis, at the same angle but offset to each other. Hence the workpieces (D) lies radial to the vertical axis (H) in the slots. The conveyor frame (4) is driven (10) in an alternating convey and return path. The drive (10) is a crank drive (11) with axle normal to the vertical axis. The conveyor frame is supported on a cross link (14)with axle (I) coaxial to the vertical axis (H) and another axis (II) normal to the vertical axis and crank axle. A workpiece laid in a first work piece slot of the support strip (3) is step-wise moved to the next slot, so one workpiece after the other is conveyed to fill the swivel conveyor (1). <

IPC 1-7

**B21F 23/00**; B65G 25/02

IPC 8 full level

**B21F 23/00** (2006.01)

CPC (source: EP)

**B21F 23/005** (2013.01)

Citation (search report)

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- [A] US 2957573 A 19601025 - EYSTER FLOYD E
- [A] US 4382503 A 19830510 - AKITA SHINJI [JP], et al
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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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**EP 0974412 A2 20000126**; **EP 0974412 A3 20010516**; AT 406147 B 20000225; AT A159598 A 19990715

DOCDB simple family (application)

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