

Title (en)

Wire transport assembly for bending and winding machines.

Title (de)

Drahtführvorrichtung für eine Biege- und Winkelnmaschine.

Title (fr)

Appareil à transporter du fil dans une machine à plier et enrouler.

Publication

EP 0682997 A1 19951122 (EN)

Application

EP 94830458 A 19940927

Priority

IT MI940691 A 19940413

Abstract (en)

The present invention relates to a wire transport assembly which has been specifically designed for wire bending and winding machines (1) comprising, on the machine frame (2), a wire guiding assembly (10) for supplying the wire towards the bending or winding center. The main feature of the invention is that said wire guiding assembly (10) can be turned through substantially 90 DEG about an axis which is substantially perpendicular to the axis of the wire in order to feed the wire parallel to the machine plane (3) and at 90 DEG with respect this machine plane (3).
<IMAGE>

IPC 1-7

B21F 3/027; **B21F 23/00**

IPC 8 full level

B21F 3/027 (2006.01); **B21F 23/00** (2006.01)

CPC (source: EP)

B21F 3/027 (2013.01); **B21F 23/00** (2013.01)

Citation (search report)

- [Y] US 4893491 A 19900116 - OHDAI YOZO [JP], et al
- [Y] GB 1317374 A 19730516 - VNII MED INSTR
- [A] DE 4229294 C1 19931216 - WAFIOS MASCHINEN WAGNER [DE]
- [A] US 4696175 A 19870929 - SKUPIEN EUGENE M [US]

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0682997 A1 19951122; **EP 0682997 B1 19990113**; DE 69415963 D1 19990225; IT 1274669 B 19970724; IT MI940691 A0 19940413; IT MI940691 A1 19951013

DOCDB simple family (application)

EP 94830458 A 19940927; DE 69415963 T 19940927; IT MI940691 A 19940413