

Title (en)

Apparatus and method for feeding workpieces

Title (de)

Vorrichtung und Verfahren zum Transport von Werkstücken

Title (fr)

Dispositif et procédé de transport de pièces à usiner

Publication

**EP 1563926 B1 20080423 (DE)**

Application

**EP 05100807 A 20050204**

Priority

DE 102004007165 A 20040212

Abstract (en)

[origin: EP1563926A1] A machine tool has a frame (14) and a mechanical handling unit (T1, T2) that moves work-pieces in the X-plane. A transport beam (15) is moved through the X and Y planes by drive systems (AM1, AM2), from which it is detachable (K) at one end. The beam has a swivel assembly which is free to operate on detachment from the drive.

IPC 8 full level

**B21D 43/05** (2006.01)

CPC (source: EP US)

**B21D 43/057** (2013.01 - EP US); **Y10T 483/16** (2015.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1563926 A1 20050817**; **EP 1563926 B1 20080423**; AT E392965 T1 20080515; DE 102004007165 A1 20050922; DE 502005003794 D1 20080605; ES 2306006 T3 20081101; US 2005227840 A1 20051013

DOCDB simple family (application)

**EP 05100807 A 20050204**; AT 05100807 T 20050204; DE 102004007165 A 20040212; DE 502005003794 T 20050204; ES 05100807 T 20050204; US 5210105 A 20050208