

Title (en)

A shift device for wheel head of sander

Title (de)

Wechselvorrichtung für Scheibenträger einer Handschleifmaschine

Title (fr)

Dispositif d'échange du support de disque d'une ponceuse

Publication

**EP 1093884 A2 20010425 (EN)**

Application

**EP 99123775 A 19991130**

Priority

CN 99239991 U 19991020

Abstract (en)

A shift device for a wheel head of a sander comprises an output shaft 1 inserted in a connecting hole (3) of the output shaft (1), a spring (6) and a latch axis (7) inserted in the hole (4) of the output shaft (1), two the fix latches (8) disposed in a slot (5) at the end of the output shaft (1), which stretch towards two sides at the slot (5). When the wheel head is to be shifted, the latch axis (7) is lifted under the acting of a restricting sleeve (12), the fix latch (8) rotates downward and retrieved from a concave slot (9), and the wheel head (2) is fetched out. The present invention is capable of shifting the wheel head quickly and efficiently. <IMAGE>

IPC 1-7

**B24B 23/04**; **B24B 45/00**

IPC 8 full level

**B24B 23/04** (2006.01); **B24B 45/00** (2006.01)

CPC (source: EP)

**B24B 23/04** (2013.01); **B24B 45/00** (2013.01)

Cited by

US7052383B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1093884 A2 20010425**; **EP 1093884 A3 20021016**; **EP 1093884 B1 20030604**; CN 2392638 Y 20000823; DE 69908597 D1 20030710; DE 69908597 T2 20040429

DOCDB simple family (application)

**EP 99123775 A 19991130**; CN 99239991 U 19991020; DE 69908597 T 19991130