

Title (en)
Carrier head

Title (de)
Trägerkopf

Title (fr)
Tête de soutien

Publication
EP 1498224 A3 20090722 (DE)

Application
EP 04016661 A 20040715

Priority
DE 10332423 A 20030716

Abstract (en)
[origin: EP1498224A2] The bearer head has a lower part (28) with a fastening unit (32,34) to fix it to an upright etc. of a holder system, and an upper part (30) with a contact surface for a component. The parts can be separated from each other. When a plate (46) is fitted between the parts, the contact face on the head is in a reference position to contact the component. Without the plate, the head contact face is in a measuring position to define a distance relative to the component. The plate is fastened pivoted to a holder (48) on upper or lower head part. The head has a channel for connection to vacuum source, and it carries a measuring device (44) to monitor head position.

IPC 8 full level
B25B 11/00 (2006.01)

CPC (source: EP)
B25B 11/00 (2013.01)

Citation (search report)

- [XY] EP 1155782 A2 20011121 - JUNKER & PARTNER GMBH [DE]
- [X] DE 10023597 A1 20011122 - JUNKER & PARTNER GMBH [DE]
- [DY] DE 29911395 U1 20000907 - JUNKER & PARTNER GMBH [DE]

Cited by
CN102207379A; CN104589246A; US2013318767A1; CN102490135A; CN102922265A; CN111993315A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
EP 1498224 A2 20050119; EP 1498224 A3 20090722; EP 1498224 B1 20131113; DE 10332423 A1 20050203; DE 10332423 B4 20120823; ES 2444638 T3 20140226

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EP 04016661 A 20040715; DE 10332423 A 20030716; ES 04016661 T 20040715