

Title (en)
Gripper and gripper-shaft system

Title (de)
Greifer-/Greiferwellesystem

Title (fr)
Pince et système pince-arbre

Publication
EP 1306211 B1 20060517 (DE)

Application
EP 02020910 A 20020919

Priority
DE 10152592 A 20011024

Abstract (en)
[origin: EP1306211A1] The gripper/gripper shaft system has a gripper holder (2) attached to a gripper shaft (1) for partially enclosing the latter, with a bearing surface matching the outer contour of the gripper shaft and a gripper finger (3) rotated relative to the gripper holder, acted on by an adjustment element (10) and a coil spring (9). The bearing surface has a profile (12) engaging a counter-profile in the outside of the gripper shaft, the rotation axis (5) of the gripper finger lying on the outside of the gripper shaft.

IPC 8 full level
B41F 21/10 (2006.01)

CPC (source: EP)
B41F 21/104 (2013.01)

Cited by
CN103979328A; US8556843B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1306211 A1 20030502; EP 1306211 B1 20060517; DE 10152592 A1 20030508; DE 50206789 D1 20060622

DOCDB simple family (application)
EP 02020910 A 20020919; DE 10152592 A 20011024; DE 50206789 T 20020919