

Title (en)
Chuck.

Title (de)
Spannkopf.

Title (fr)
Tête de sevrage.

Publication
EP 0383082 A2 19900822 (DE)

Application
EP 90101667 A 19900127

Priority
DE 8901816 U 19890216

Abstract (en)
A chuck having expansion wedges (3) which are tightened in the radial direction by means of an actuating element (9) is described. For further tightening, the expansion wedges (3) are tilted via a tangential force.

Abstract (de)
Beschrieben wird ein Spannkopf mit Expansionskeilen (3), die über ein Betätigungselement (9) in radialer Richtung gespannt werden. Zum Nachspannen werden die Expansionskeile (3) über eine Tangentialkraft gekippt.

IPC 1-7
B65H 16/06; B65H 18/04; B65H 75/24

IPC 8 full level
B65H 75/24 (2006.01)

CPC (source: EP US)
B65H 75/246 (2013.01 - EP US)

Cited by
CN104275831A; US5775631A; DE10151860A1; DE10151860B4; DE102006018819A1; DE102006018819B4; EP1306210A2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
DE 8901816 U1 19890406; EP 0383082 A2 19900822; EP 0383082 A3 19901205

DOCDB simple family (application)
DE 8901816 U 19890216; EP 90101667 A 19900127