

Title (en)

DRIVE OR GUIDE CAGE AND METHOD FOR SECURING SUCH CAGES

Title (de)

TREIB- ODER FÜHRUNGSKÄFIG UND VERFAHREN ZUR BEFESTIGUNG DERARTIGER KÄFIGE

Title (fr)

CAGE DE PROPULSION OU DE GUIDAGE ET PROCÉDÉ DE FIXATION DE CE TYPE DE CAGES

Publication

**EP 2176621 A1 20100421 (DE)**

Application

**EP 08784807 A 20080716**

Priority

- EP 2008005799 W 20080716
- DE 102007037700 A 20070809

Abstract (en)

[origin: WO2009018901A1] In order to maintain predetermined tolerance conditions for the front guide region (7) in a simple manner without reconditioning even if a drive or guide cage (5) is made of plastic, the invention proposes beginning with a premounted cage shot (1), wherein the cage segments directly adjacent to one another on the circumferential sides surrounding the shot body are selected such that the cage (5) has an outer diameter in the front guide region (7) that is less than the predetermined target diameter (Do). The adjustment of the diameter of the guide region (7) then occurs subsequently, for example, by the insertion of an insert (12.1) designed in the shape of a bushing, said insert having a conical outer surface (13), into an annular gap (11) remaining between the shot body (2) and the segments (19, 20) of the support wall (8) of the cage (5).

IPC 8 full level

**F42B 14/06** (2006.01); **F42B 33/00** (2006.01)

CPC (source: EP US)

**F42B 14/062** (2013.01 - EP US); **F42B 14/064** (2013.01 - EP US); **F42B 33/001** (2013.01 - EP US)

Citation (search report)

See references of WO 2009018901A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**DE 102007037700 A1 20090212**; EP 2176621 A1 20100421; KR 20100068376 A 20100623; US 2012000390 A1 20120105; WO 2009018901 A1 20090212

DOCDB simple family (application)

**DE 102007037700 A 20070809**; EP 08784807 A 20080716; EP 2008005799 W 20080716; KR 20107004630 A 20080716; US 67347808 A 20080716