

Title (en)

Apparatus and method for packing cores

Title (de)

Vorrichtung und Verfahren zum Paketieren von Kernen

Title (fr)

Dispositif et procédé pour paqueter des moyaux

Publication

**EP 0881012 B1 19991201 (DE)**

Application

**EP 98109165 A 19980520**

Priority

DE 19722599 A 19970529

Abstract (en)

[origin: EP0881012A1] The apparatus for core packaging includes a pallet which can be driven into an open tool unit formed by horizontally divided top and bottom tools of a core shooting machine. This allows removal of the cores from the top tool. The pallet is lifted and lowered relative to the top tool (and the cores to be ejected) by the bottom tool. To remove cores (8, 8', 10, 10') and to form core packages before leaving the tool unit (1), the pallet is moved successively to regions (4, 5) of the top tool (2) with at least two cores, and is lifted up by the bottom tool (3). The pallet has centring elements which interact with the corresponding centring elements of the top and bottom tools. Also claimed is a corresponding method for operating the proposed apparatus. The pallet is centred for core removal operations which take place in succession so that a core package can be formed at the same time.

IPC 1-7

**B22C 9/10**

IPC 8 full level

**B22C 9/10** (2006.01)

CPC (source: EP)

**B22C 9/103** (2013.01)

Designated contracting state (EPC)

CH DE DK ES FR GB IT LI

DOCDB simple family (publication)

**EP 0881012 A1 19981202; EP 0881012 B1 19991201**; DE 19722599 A1 19981203; DE 59800055 D1 20000105; DK 0881012 T3 20000508; ES 2140985 T3 20000301

DOCDB simple family (application)

**EP 98109165 A 19980520**; DE 19722599 A 19970529; DE 59800055 T 19980520; DK 98109165 T 19980520; ES 98109165 T 19980520