

Title (en)

Process and apparatus for manufacturing pieces of cores for preparing a core packet ready for use in castings

Title (de)

Verfahren und Vorrichtung zum handhaben von Kernteilen zwecks Bereitstellung eines giessbereiten Kernpakets

Title (fr)

Procédé et appareil pour la manipulation de pièces de noyaux afin de préparer un paquet de noyaux apte à être coulé

Publication

EP 0495157 B1 19960424 (DE)

Application

EP 91116514 A 19910927

Priority

DE 4100917 A 19910115

Abstract (en)

[origin: EP0495157A2] To improve the kinematic properties and to achieve a greater flexibility as regards possibilities of use in the handling of pieces of cores for preparing a core packet ready for using castings, the invention first of all proposes a process in which, after removal from a core shooting machine, the core pieces are gummed in a stacking unit to give a core packet, introduced into a dipping bath and then fed in the correct position to a casting machine, in which furthermore in each case an upper core piece (K1) or an already assembled packet of core pieces (K1, K2; K1, K2, K3) is successively raised, in an exclusively linear manner, in the stacking unit (11) and in which in each case a lower core piece (K2; K3; K4) is held in a floating manner by means of an air cushion while the raised core piece (K1) or packet of core pieces (K1, K2; K1, K2, K3) is lowered onto the lower core piece (K2, K3, K4) for the purpose of joining. <IMAGE>

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CPC (source: EP KR US)

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