

Title (en)  
COOLER SYSTEM AND MEANS FOR ASSEMBLING THEM IN CASTING MOLDS

Title (de)  
KÜHLERSYSTEM UND MITTEL UM ES IN GIESSFORMEN EINZUBAUEN

Title (fr)  
SYSTEME DE REFROIDISSEURS ET MOYEN PERMETTANT DE LE MONTER SUR DES MOULES PAR INTRUSION

Publication  
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Application  
**EP 00985269 A 20001218**

Priority  
ES 0000477 W 20001218

Abstract (en)  
The system of coolers is foreseen for its use in sand moulds in which cast pieces are obtained. The coolers are constituted by several units or modules (5) which are mounted in a support (4), with certain play and are fastened to this by means of a bar (7), forming a multiple cooler that, arranged on a pallet (3) on which in turn is superimposed a support pallet (1) of the mould, allows the displacement of the whole in the casting production line. That is, the assembly of the multiple cooler on the mould, as well as its extraction and separation with regard to the casting that is obtained, is carried out in an automatic way. Each unit or module (5) of the cooler is capable of being constituted by a single piece, by two pieces (5') or by three pieces (5''), and assembly thereof on the corresponding support (4) will be carried out with play (6) to absorb the expansions and contractions caused by the heat transmitted by the molten metal. <IMAGE> <IMAGE>

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