

Title (en)  
DEVICE AND METHOD FOR REPLACING AN INTERCHANGEABLE PART OF AN INGOT ARRANGEMENT IN A CONTINUOUS CASTING INSTALLATION

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM WECHSELN EINES WECHSELTEILES EINER KOKILLENANORDNUNG EINER STRANGGIESSANLAGE

Title (fr)  
DISPOSITIF ET PROCEDE POUR LE REMPLACEMENT D'UNE PIECE INTERCHANGEABLE D'UN AGENCEMENT DE LINGOTIERE D'UNE INSTALLATION DE COULEE CONTINUE

Publication  
**EP 0999907 A1 20000517 (DE)**

Application  
**EP 98941350 A 19980716**

Priority  
• CH 187197 A 19970808  
• EP 9804447 W 19980716

Abstract (en)  
[origin: WO9907498A1] The invention relates to an ingot arrangement (1) in a continuous casting installation, comprising an ingot mould (2A) and an oscillating holding device (4) used for causing said ingot mould to swing when in a casting position (2a). The ingot arrangement consists, in a separable manner, of an interchangeable part (2a) and a stationary part (4, 11, 12, 12', 71). To replace the interchangeable part, it is separated from the stationary one and moved using a conveying means (23), at least along a partial path, from its position of operation into an area (29) beneath the casting position (2a). This enables, especially in multiline casting installations, the interchangeable part to be transported during the casting process and, for example, along paths comprising straight (23') or arciform segments (23''), to any purposefully selected position (2b) and to be replaced by a new interchangeable part by reversing the steps of the method. Such a method allows for an interchangeable part to be replaced in multiline installations with no interference with the casting process in any adjacent ingot arrangement.

IPC 1-7  
**B22D 11/04**

IPC 8 full level  
**B22D 11/04** (2006.01); **B22D 11/053** (2006.01); **B22D 11/055** (2006.01); **B22D 11/124** (2006.01)

CPC (source: EP KR US)  
**B22D 11/053** (2013.01 - EP KR US); **B22D 11/057** (2013.01 - KR); **B22D 11/07** (2013.01 - KR); **B22D 11/124** (2013.01 - KR)

Citation (search report)  
See references of WO 9907498A1

Designated contracting state (EPC)  
AT CH DE DK ES FI FR GB GR IT LI PT SE

DOCDB simple family (publication)  
**WO 9907498 A1 19990218**; AT E222519 T1 20020915; AU 728547 B2 20010111; AU 8976398 A 19990301; BR 9811138 A 20000718; CA 2300388 A1 19990218; CN 1096899 C 20021225; CN 1265615 A 20000906; CZ 2000466 A3 20000614; CZ 302003 B6 20100901; DE 59805256 D1 20020926; EP 0999907 A1 20000517; EP 0999907 B1 20020821; ES 2183408 T3 20030316; JP 2001513444 A 20010904; KR 100529588 B1 20051117; KR 20010022184 A 20010315; PL 338470 A1 20001106; TR 200000367 T2 20000721; US 6289973 B1 20010918; ZA 987015 B 19990208

DOCDB simple family (application)  
**EP 9804447 W 19980716**; AT 98941350 T 19980716; AU 8976398 A 19980716; BR 9811138 A 19980716; CA 2300388 A 19980716; CN 98807913 A 19980716; CZ 2000466 A 19980716; DE 59805256 T 19980716; EP 98941350 A 19980716; ES 98941350 T 19980716; JP 2000507073 A 19980716; KR 20007000756 A 20000124; PL 33847098 A 19980716; TR 200000367 T 19980716; US 49994500 A 20000208; ZA 987015 A 19980805