

Title (en)
DEVICE AND METHOD FOR PRODUCING INGOTS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON INGOTS

Title (fr)
DISPOSITIF ET PROCÉDÉ DE FABRICATION DE LINGOTS

Publication
EP 3229992 B1 20180502 (DE)

Application
EP 16722637 A 20160509

Priority
• DE 102015107258 A 20150508
• EP 2016060330 W 20160509

Abstract (en)
[origin: WO2016180777A1] The invention relates to a method and a device for producing ingots from metal or metal alloy. The method and the device are particularly suitable for producing ingots from nickel, titanium, vanadium, niobium, tantalum, zirconium, hafnium, or alloys thereof and alloys comprising said metals in strand casting methods. The device has an ingot chamber which is suitable for receiving multiple cast ingots and for allowing the ingots to cool in the ingot chamber. For this purpose, the ingots are arranged in the ingot chamber in a horizontally movable manner on ingot holding means.

IPC 8 full level
B22D 11/00 (2006.01); **B22D 11/128** (2006.01); **B22D 11/14** (2006.01)

CPC (source: EP US)
B22D 11/001 (2013.01 - EP US); **B22D 11/1281** (2013.01 - EP US); **B22D 11/141** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102015107258 B3 20160804; CN 107635695 A 20180126; CN 107635695 B 20200214; EP 3229992 A1 20171018;
EP 3229992 B1 20180502; JP 2018514391 A 20180607; JP 6588991 B2 20191009; US 10518318 B2 20191231; US 2018290205 A1 20181011;
WO 2016180777 A1 20161117

DOCDB simple family (application)
DE 102015107258 A 20150508; CN 201680026620 A 20160509; EP 16722637 A 20160509; EP 2016060330 W 20160509;
JP 2017558445 A 20160509; US 201615572266 A 20160509