

Title (en)
A machine for demoulding ingots

Title (de)
Vorrichtung zum Entformen von Gussbarren

Title (fr)
Machine pour la démoulage des lingots

Publication
EP 1844879 A1 20071017 (EN)

Application
EP 06380084 A 20060412

Priority
EP 06380084 A 20060412

Abstract (en)
A machine for multiple demoulding of ingots (2, 2') in which the machine has a chain for moulds (1) for housing the ingots (2, 2'), a guide (1') for leading the ingots (2, 2') from a feeding level F to a demoulding level D; a supporting mechanism (3) for collecting the ingots (2, 2') in the demoulding level D; a lowering device (6) for lowering a first ingot (2') from the demoulding level D to a transport level T and a second ingot (2) from the demoulding level D to a waiting level W; a spacing mechanism (4) for displacing a second ingot (2) from the waiting level W to the transport level T; transport means (5) for displacing the ingots (2, 2') from the transport level T to an exit level EX.

IPC 8 full level
B22D 5/00 (2006.01); **B22D 5/04** (2006.01); **B22D 9/00** (2006.01); **B22D 29/04** (2006.01)

CPC (source: EP)
B22D 5/005 (2013.01); **B22D 5/04** (2013.01); **B22D 9/003** (2013.01); **B22D 29/04** (2013.01)

Citation (applicant)
DE 1281114 B 19681024 - HEINR JOSEF BAGGELER K G

Citation (search report)
• [Y] DE 1281114 B 19681024 - HEINR JOSEF BAGGELER K G
• [Y] US 2970708 A 19610207 - KOICHI WATANABE, et al
• [Y] US 3583472 A 19710608 - YAMAMOTO SHOJI, et al
• [Y] US 3921705 A 19751125 - FURUSE TAKASHI, et al
• [Y] JP S527331 A 19770120 - OKAMURA KAZUO

Cited by
CN113275546A; CN105478729A; CN103252460A; CN109434042A; CN105665658A; CN111974954A; CN102950263A; CN108436054A; CN102861884A; CN103286301A; CN104148622A; CN107952951A; CN111957912A

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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