

Title (en)  
Strip casting

Title (de)  
Bandgiessen

Title (fr)  
Coulee en bande

Publication  
**EP 1844880 A1 20071017 (EN)**

Application  
**EP 06450056 A 20060412**

Priority  
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Abstract (en)  
The invention relates to a process and a device for strip casting using a travelling mould which is cooled by a liquid coolant. The invention is characterised in that the coolant is liquid metal or ionic liquid. Preferably, the coolant flows with turbulent flow through the cooling device attributed to the travelling mould.

IPC 8 full level  
**B22D 11/06** (2006.01)

CPC (source: EP US)  
**B22D 11/0602** (2013.01 - EP US); **B22D 11/0622** (2013.01 - EP US); **B22D 11/0682** (2013.01 - EP US); **B22D 11/0685** (2013.01 - EP US)

Citation (search report)

- [X] FR 2289271 A1 19760528 - SOCOMETAL [FR]
- [X] GB 2310155 A 19970820 - ISHIKAWAJIMA HARIMA HEAVY IND [JP], et al
- [X] US 5411075 A 19950502 - PIEN S JOHN [US], et al
- [X] US 4671340 A 19870609 - LARRECQ MICHEL [FR], et al
- [X] JP S63192541 A 19880809 - KAWASAKI STEEL CO
- [Y] JP S6330157 A 19880208 - MITSUBISHI HEAVY IND LTD, et al
- [Y] JP S62101353 A 19870511 - KAWASAKI STEEL CO
- [Y] GB 1098541 A 19680110 - LEONARD GORDON CHARLES TUCK
- [X] WO 2004076096 A1 20040910 - SO & SO SOMMERHOFER OEG [AT], et al
- [X] EP 1452252 A1 20040901 - SOMMERHOFER HUBERT DIPL-ING [AT]

Cited by  
CN102460051A; WO2010136403A1

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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

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