

Title (en)  
Parting composition.

Title (de)  
Trennmittelzusammensetzung.

Title (fr)  
Composition de séparation.

Publication  
**EP 0221249 A2 19870513 (EN)**

Application  
**EP 86110384 A 19860728**

Priority  
US 79452985 A 19851104

Abstract (en)  
A parting composition contains alpha-olefin oligomer having a viscosity in the range of about 1-3 cs at 450 DEG F. The parting composition in one aspect can be blended with a fatty ester or fatty alcohol. The parting composition is useful for the continuous casting of molten metal such as aluminum or aluminum alloy, which may contain lithium. A casting process for continuously casting molten metal, particularly containing lithium, through a mold or header includes applying a parting lubricant containing alpha-olefin oligomer. The lithium-containing alloy may be continuously cast by direct chill with a direct chill coolant which is a moisture barrier liquid employing the disclosed parting compositions.

IPC 1-7  
**B22D 11/07; B22D 11/124; C10M 107/10**

IPC 8 full level  
**B22C 3/00** (2006.01); **B22D 11/07** (2006.01); **B22D 11/124** (2006.01); **C10M 107/02** (2006.01); **C10M 111/04** (2006.01)

CPC (source: EP)  
**B22D 11/07** (2013.01); **B22D 11/124** (2013.01); **C10M 101/04** (2013.01); **C10M 105/12** (2013.01); **C10M 105/22** (2013.01); **C10M 107/02** (2013.01); **C10M 111/04** (2013.01); **C10M 2205/0206** (2013.01); **C10M 2207/0215** (2013.01); **C10M 2207/103** (2013.01); **C10M 2207/2606** (2013.01); **C10M 2207/2623** (2013.01); **C10M 2207/401** (2013.01); **C10M 2207/4045** (2013.01)

Cited by  
CN113996759A; WO8912670A1; EP1818119B1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0221249 A2 19870513; EP 0221249 A3 19880622**; AU 6054186 A 19870507; JP S62107842 A 19870519

DOCDB simple family (application)  
**EP 86110384 A 19860728**; AU 6054186 A 19860725; JP 17545086 A 19860725