

Title (en)  
ANTI-STICK COATING FOR SURFACES

Title (de)  
ANTIHAFTBESCHICHTUNG FÜR FLÄCHEN

Title (fr)  
REVETEMENT ANTI-ADHERENT POUR SURFACES

Publication  
**EP 1809456 A1 20070725 (EN)**

Application  
**EP 05806520 A 20051013**

Priority  
• US 2005036766 W 20051013  
• US 61851904 P 20041013

Abstract (en)  
[origin: US2006079600A1] A release agent composition to prevent sticking and facilitate separation of surfaces, such as patterns and core boxes from foundry molds and core s comprises (a) a cross-linkable fluorotelomer comprising repeat units derived from a fluoroalkene; (b) a moisture-curable silicone; (c) a catalyst; and (d) a solvent. Further is provided a method to improve the release properties of molds removed from a pattern or core box comprising applying the release agent composition to the pattern or core box surface.

IPC 8 full level  
**B29C 33/62** (2006.01); **B22C 3/00** (2006.01); **B29C 67/24** (2006.01); **C09D 127/18** (2006.01)

CPC (source: EP KR US)  
**B22C 3/00** (2013.01 - EP KR US); **B29C 33/62** (2013.01 - EP KR US); **B29C 33/64** (2013.01 - EP US); **B29C 67/24** (2013.01 - EP KR US); **C08L 27/18** (2013.01 - EP US); **C09D 127/18** (2013.01 - KR); **B29K 2027/18** (2013.01 - EP US); **B29K 2083/00** (2013.01 - EP US); **B29K 2105/0088** (2013.01 - EP US); **C08L 83/04** (2013.01 - EP US)

C-Set (source: EP US)  
**C08L 27/18** + **C08L 2666/14**

Citation (search report)  
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Cited by  
WO2012127299A1; WO2014125313A1; WO2014125357A1; US10239116B2

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