

Title (en)  
PASSIVATION OF PYROPHORIC METALS

Publication  
**EP 0388816 B1 19920122 (DE)**

Application  
**EP 90105021 A 19900316**

Priority  
DE 3908815 A 19890317

Abstract (en)  
[origin: EP0388816A1] For the passivation of pyrophoric metals, in particular magnesium, the metal is coated with 0.5 to 5% by weight of an s-triazine derivative, such as melamine, benzoguanamine, melam, melem and/or melon, melamine- and/or benzoguanamine-formaldehyde condensates and/or guanidine, cyanoguanidine, guanylurea, guanidine phosphate, guanidine sulphamate or guanidine cyanurate, based on the weight of the metal, as a passivating agent. Metals passivated in this manner are suitable in particular as treatment agents for metallurgical melts.

IPC 1-7  
**B22F 1/00**; **C21C 1/02**; **C23F 11/14**

IPC 8 full level  
**B22F 1/10** (2022.01); **C21C 1/02** (2006.01); **C21C 1/10** (2006.01); **C23C 24/00** (2006.01); **C23C 30/00** (2006.01); **C23F 11/00** (2006.01); **C23F 11/14** (2006.01)

CPC (source: EP KR US)  
**B22F 1/10** (2022.01 - EP KR US); **C21C 1/025** (2013.01 - EP US); **C21C 1/105** (2013.01 - EP US); **C23C 24/00** (2013.01 - EP US); **C23C 30/00** (2013.01 - EP US); **C23F 11/14** (2013.01 - KR); **C23F 11/146** (2013.01 - EP US); **C23F 11/149** (2013.01 - EP US)

Cited by  
EP0546351A3; TR26635A

Designated contracting state (EPC)  
AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0388816 A1 19900926**; **EP 0388816 B1 19920122**; AT E71866 T1 19920215; CA 2011785 A1 19900917; CA 2011785 C 19951219; DE 3908815 A1 19900920; DE 59000035 D1 19920305; DE 8915539 U1 19901004; FI 901342 A0 19900316; FI 90211 B 19930930; FI 90211 C 19940110; JP H02282402 A 19901120; JP H0768564 B2 19950726; KR 0137936 B1 19980715; KR 900014640 A 19901024; US 5089049 A 19920218

DOCDB simple family (application)  
**EP 90105021 A 19900316**; AT 90105021 T 19900316; CA 2011785 A 19900308; DE 3908815 A 19890317; DE 59000035 T 19900316; DE 8915539 U 19890317; FI 901342 A 19900316; JP 6285590 A 19900315; KR 900003530 A 19900316; US 48279390 A 19900221