

Title (en)
HALOGEN-FREE SOLID FLAME RETARDANT MIXTURE AND USE THEREOF

Title (de)
HALOGENFREIE FESTE FLAMMSCHUTZMITTELMISCHUNG UND IHRE VERWENDUNG

Title (fr)
MÉLANGE IGNIFUGE SOLIDE EXEMPT D'HALOGÈNES ET UTILISATION CORRESPONDANTE

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Application
EP 15701669 A 20150119

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Abstract (en)
[origin: WO2015113740A1] The invention relates to a halogen-free flame retardant mixture containing between 1 - 99 wt.% of a component A and between 1 - 99 wt.% of a component B. Component A comprises between 85 - 99.995wt.-% of a solid diethylphosphinic acid salt of the metals Mg, Ca, Al, Sb, Sn, Ge, Ti, Fe, Zr, Zn, Ce, Bi, Sr, Mn, Li, Na, K and/or a protonated nitrogen base and between 0.005 - 15 wt.-% of non-combustible additives and component B is in the form of an aluminum phosphite.

IPC 8 full level
C09K 21/12 (2006.01); **C08K 3/32** (2006.01); **C08K 5/00** (2006.01); **C08K 5/5313** (2006.01)

CPC (source: EP KR US)
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Citation (search report)
See references of WO 2015113740A1

Designated contracting state (EPC)
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DE 102014001222 A 20140129; CN 201580006135 A 20150119; CN 201910082730 A 20150119; CN 201910082744 A 20150119; CN 201910082761 A 20150119; CN 201910082762 A 20150119; EP 15701669 A 20150119; EP 19152589 A 20150119; EP 19152590 A 20150119; EP 19152591 A 20150119; EP 19152592 A 20150119; EP 19152594 A 20150119; EP 2015000080 W 20150119; ES 19152589 T 20150119; JP 2016548346 A 20150119; KR 20167023663 A 20150119; PL 19152589 T 20150119; PL 19152590 T 20150119; PL 19152591 T 20150119; US 201515114688 A 20150119