

Title (en)  
RUBBER COMPOSITION HAVING A VERY LOW ZINC CONTENT

Title (de)  
KAUTSCHUKZUSAMMENSETZUNG MIT GERINGER ZINKRATE

Title (fr)  
COMPOSITION DE CAOUTCHOUC A TRES FAIBLE TAUX DE ZINC

Publication  
**EP 2104704 A1 20090930 (FR)**

Application  
**EP 07866253 A 20071221**

Priority  
• EP 2007011332 W 20071221  
• FR 0611551 A 20061228

Abstract (en)  
[origin: FR2910902A1] Diene elastomer based rubber composition (I) comprises zinc (less than 2 parts by weight per 100 parts of elastomer), reinforcing filler and sulfur based reticulation system comprising a zinc carboxylate. Diene elastomer based rubber composition (I) comprises zinc (less than 2 parts by weight per 100 parts of elastomer), reinforcing filler and sulfur based reticulation system comprising a carboxylate zinc of formula ((RCOO) 2Zn). R : hydrocarbon (preferably with 1-11C), 1-16C alkyl, 1-16C aryl, 1-16C aralkyl or 1-16C alkaryl. Independent claims are included for: (1) the preparation of (I) comprising incorporating (by mixing) the reinforcing fillers and the sulfur based reticulation system to the diene elastomer; and (2) road-holding system for motor vehicles, tires, semi-finished product for manufacturing tires and tire running tread comprising (I).

IPC 8 full level  
**C08K 5/098** (2006.01); **B60C 1/00** (2006.01); **C08L 21/00** (2006.01)

CPC (source: EP US)  
**B60C 1/0016** (2013.01 - EP US); **C08K 3/22** (2013.01 - EP US); **C08K 5/098** (2013.01 - EP US)

C-Set (source: EP US)  
1. **C08K 3/22 + C08L 21/00**  
2. **C08K 5/098 + C08L 21/00**

Citation (search report)  
See references of WO 2008080582A1

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