

Title (en)
FIRE BARRIER COMPOSITION

Title (de)
Zusammensetzung für Feuerbarriere

Title (fr)
COMPOSITION IGNIFUGE

Publication
EP 0689573 A1 19960103 (EN)

Application
EP 94909981 A 19940317

Priority
• GB 9400550 W 19940317
• GB 9305546 A 19930318

Abstract (en)
[origin: WO9421748A1] A fire barrier composition suitable for high temperature fires is based on a blend of heat-stable solid inorganic material, fusible solid inorganic material and binder matrix material for the composition ingredients. Advantageously the composition, when subjected to fire temperatures, undergoes sequential changes with increasing temperature, comprising: the binder matrix material commences to carbonise or otherwise deteriorate; the fusible inorganic material fuses sufficiently to bond the heat-stable inorganic material in coherence before the binding effect of the matrix material has completely diminished; and then the fusible inorganic material re-solidifies to provide a solid, hard, insulating, fire-barrier compound.

IPC 1-7
C09K 21/14; **C09K 21/02**; **C08K 3/00**

IPC 8 full level
C08K 3/34 (2006.01); **C08K 3/40** (2006.01); **C09K 21/02** (2006.01); **C09K 21/14** (2006.01)

CPC (source: EP)
C08K 3/34 (2013.01); **C08K 3/40** (2013.01); **C09K 21/02** (2013.01); **C09K 21/14** (2013.01)

Citation (search report)
See references of WO 9421748A1

Cited by
US2014139312A1

Designated contracting state (EPC)
DE FR IT NL

DOCDB simple family (publication)
WO 9421748 A1 19940929; AU 6261194 A 19941011; EP 0689573 A1 19960103; GB 2277091 A 19941019; GB 2277091 B 19970416; GB 9305546 D0 19930505

DOCDB simple family (application)
GB 9400550 W 19940317; AU 6261194 A 19940317; EP 94909981 A 19940317; GB 9305546 A 19930318