

Title (en)

CATIONIC SHEET-STRUCTURE COMPOUNDS, THEIR PRODUCTION AND THEIR USE

Title (de)

KATIONISCHE SCHICHTVERBINDUNGEN, HERSTELLUNG UND VERWENDUNG

Title (fr)

COMPOSES CATIONIQUES A STRUCTURE EN COUCHE, LEUR PRODUCTION ET LEUR APPLICATION

Publication

EP 0817811 A1 19980114 (DE)

Application

EP 96908052 A 19960315

Priority

- DE 19511016 A 19950325
- EP 9601136 W 19960315

Abstract (en)

[origin: DE19511016A1] Described is an agent for the stabilization of halogen-containing plastics against thermal or photochemical degradation, the agent containing cationic sheet-structure compounds of the general formula (I) $[M<(II)>_xAl(OH)_y](A<N->)_z.mH_2O$. The agent is characterized in that it is produced by reacting an aqueous mixture of at least one source of bivalent metal ions ($M<(II)>$), at least one source of anions ($A<N->$) and crystalline aluminium hydroxide with 1 to 20 mole %, relative to the aluminium hydroxide, of alkali-metal hydroxide for between 10 and 240 minutes at a temperature between 100 and 240 DEG C and, without separating the solids from the aqueous phase, drying to a powder.

IPC 1-7

C08K 3/00; **C08L 57/08**; **C01F 7/00**

IPC 8 full level

C01B 13/36 (2006.01); **C01F 7/785** (2022.01); **C01G 9/00** (2006.01); **C08K 3/22** (2006.01); **C08K 3/24** (2006.01); **C08K 3/26** (2006.01); **C08K 5/07** (2006.01); **C08K 5/098** (2006.01)

CPC (source: EP US)

C01B 13/366 (2013.01 - EP US); **C01F 7/785** (2022.01 - EP US); **C01G 9/006** (2013.01 - EP US); **C08K 3/22** (2013.01 - EP US); **C08K 3/24** (2013.01 - EP US); **C08K 5/07** (2013.01 - EP US); **C08K 5/098** (2013.01 - EP US); **C01P 2002/22** (2013.01 - EP US)

C-Set (source: EP US)

1. **C08K 5/07** + **C08L 27/06**
2. **C08K 5/098** + **C08L 27/06**
3. **C08K 3/22** + **C08L 101/04**
4. **C08K 3/24** + **C08L 101/04**

Citation (search report)

See references of WO 9630440A1

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