

Title (en)

LATTICE LAYER COMPOUNDS AND THEIR USE

Title (de)

SCHICHTGITTERVERBINDUNGEN UND DEREN VERWENDUNG

Title (fr)

COMPOSES STRATIFIES RETICULAIRES ET LEUR UTILISATION

Publication

**EP 0771310 A1 19970507 (DE)**

Application

**EP 95925862 A 19950712**

Priority

- DE 4425266 A 19940716
- EP 9502715 W 19950712

Abstract (en)

[origin: DE4425266C1] Lattice layer compounds have the general formula (I):  $\text{Li}_a\text{Me}_{<\text{II}>}\text{b}+\text{cMe}_{<\text{III}>}\text{b}-\text{c}(\text{OH})_d\text{A}_{<\text{n}>}\text{e}^*\text{mH}_2\text{O}$ , in which  $\text{Me}_{<\text{II}>}$  stands for Mg, Ca, Zn and/or  $\text{Sn}_{<2+>}$ ;  $\text{Me}_{<\text{III}>}$  stands for Al and/or  $\text{Fe}_{<3+>}$ ;  $\text{A}_{<\text{n}>}$  stands for an anion of n valence or for a mixture of anions, and the indices lie in the following ranges:  $0 < a \leq 1$ ,  $2 \leq b \leq 6$ ,  $-0,5 \leq c \leq 0,5$  and  $m = 0$  to 5, d and e are different from 0 and are selected so that a neutral molecule is obtained. Also disclosed is the use of these lattice layer compounds as stabilisers or stabilising components for halogenated polymers.

IPC 1-7

**C01G 49/00**; **C01F 7/00**; **C08K 7/00**; **C08L 57/08**; **C08L 27/06**

IPC 8 full level

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