Title (en)

BASIC ALUMINIUM MAGNESIUM CARBONATE, METHOD FOR THE PREPARATION THEREOF AND ITS USE AS A PHARMACEUTICAL COMPOSITION FOR TREATING STOMACH ACIDITY

Title (de)

BASISCHES ALUMINIUMMAGNESIUMKARBONAT, VERFAHREN ZU DESSEN HERSTELLUNG UND DESSEN VERWENDUNG ALS ARTZNEIMITTEL ZUR BEHANDLUNG VON MAGENSÄURE

Title (fr)

CARBONATE BASIQUE DE MAGNESIUM ET D'ALUMINIUM, SON PROCEDE DE FABRICATION ET SON UTILISATION COMME COMPOSITION PHARMACEUTIQUE DESTINEE AU TRAITEMENT DE L'ACIDITE GASTRIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9935088A1] The present invention relates to a new basic aluminum magnesium carbonate of the formula (I): Al2Mg4(OH)12CO3.3H2O and rhombohedral crystallization, whose reticular parameters are a=b=3,046 ANGSTROM ; c=22.79 ANGSTROM ; alpha = beta =90 DEG ; gamma =120 DEG and cell volume = 183 A<3>, whose X-ray diffraction spectrum shows the following d(ANGSTROM) values: 7.597; 3.798; 2.6202; 2.5698; 2.5322; 2.2830; 1.93545; 1.72447; 1.62930; 1.52289; 1.49318; 1.46002; 1.41351; 1.38528 and 1.31011; whose infrared spectrum shows characteristic bands at 1361 and 449 cm<-1> (Figure 1) and whose differential scanning calorimetry (DSC) is illustrated in Figure 2. This compound is used in therapeutics as an antacid and gastroprotector.

IPC 1-7

C01F 7/00; A61K 33/10

IPC 8 full level

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CPC (source: EP KR)

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