



⑪ Veröffentlichungsnummer: **0 413 965 A3**

⑫

EUROPÄISCHE PATENTANMELDUNG

⑰ Anmeldenummer: **90113840.4**

⑤① Int. Cl.⁵: **A23K 1/175, A23K 1/18**

⑳ Anmeldetag: **19.07.90**

③① Priorität: **22.08.89 US 396915**

④③ Veröffentlichungstag der Anmeldung:
27.02.91 Patentblatt 91/09

④④ Benannte Vertragsstaaten:
BE DE DK FR GB NL SE

④⑧ Veröffentlichungstag des später veröffentlichten
Recherchenberichts: **24.04.91 Patentblatt 91/17**

⑦① Anmelder: **Degussa Aktiengesellschaft**
Weissfrauenstrasse 9
W-6000 Frankfurt am Main 1(DE)

⑦② Erfinder: **Schweitzer, Uwe**
Bayernstrasse 1
W-8757 Karlstein(DE)
Erfinder: **Hartwig, Peter**
16 Colonial Heights
Ramsey, New Jersey(US)
Erfinder: **Herz, Robert T., Jr.**
148 Silvermine Avenue
Norwalk, Ct. 08650(US)
Erfinder: **Steepey, Robert**
39 Van Riper Avenue
Elmwood Park, N.J. 07407(US)

⑤④ **Amorphe Fällungskieselsäure kode -silikat als Mahlhilfsmittel für Fischmehl oder Fischfutter.**

⑤⑦ A process for producing free flowing fish feed wherein precipitated amorphous silica or silicate or silica gel is added to fish feed and fish meal. The additive prevents clogging during grinding and tackiness in the fish feed.

EP 0 413 965 A3



EUROPEAN SEARCH REPORT

EP 20 11 3840

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	DE-A-1 812 351 (DEUTSCHE GOLD- UND SILBERSCHEI-DEANSTALT, VORM. ROESSLER) * Claims 1-4; page 2, last paragraph - page 2, first paragraph; example *	1-3,6	A 23 K 1/175 A 23 K 1/18

A		5,7	
Y	US-A-4 617 294 (T.G. KRIVAK et al.) * Claims 1-7; column 3, line 53 - column 4, line 5; example 1 *	1-3,6	

A		5,7	
A	DERWENT FILE SUPPLIER WPIL, 1986, accession no. 86-254726 [39], Derwent Publications Ltd, London, GB; & JP-A-61 181 345 (MITSUBISHI METAL K.K.) 14-08-1986 * Abstract *	1,6	

A	DERWENT FILE SUPPLIER, WPI, 1976, accession no. 76-41103x [22], Derwent Publications Ltd, London, GB; & JP-A-74 117 388 (TAKEDA CHEMICAL IND. K.K.) 11-10-1974 * Abstract *	1,6	

A	US-A-4 001 379 (G. TÜRK et al.) * Claim 1; column 18, lines 24-30; example 26 *	1-4	

A	FR-A-2 148 614 (DEUTSCHE GOLD- UND SILBERSCHEI-DEANSTALT, VORM. ROESSLER) * Claims 1-3; page 3, lines 5-14 *	1-3	

A	FR-A-2 584 270 (F. DOSZPOLY) * Claim 1; page 1, lines 9-14 *	1,6	

The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
Den Haag		31 Januar 91	DEKEIREL M.J.
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention		E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document	