

Title (en)  
LIQUID ALENDRONATE FORMULATIONS

Title (de)  
FLÜSSIGE ALENDRONATZUBEREITUNGEN

Title (fr)  
FORMULATIONS LIQUIDES D'ALENDRONATE

Publication  
**EP 1007054 A4 20000719 (EN)**

Application  
**EP 97945195 A 19971002**

Priority  
• GB 9700541 A 19970113  
• US 9715740 W 19971002  
• US 2676596 P 19961004  
• US 3600297 P 19970122

Abstract (en)  
[origin: WO9814196A1] A liquid formulation of alendronic acid, or pharmaceutically acceptable salt has enough buffer so that the pH of the formulation is 4-7.5, and 15 ml of the formulation is able to raise the pH of 50 ml of 0.1N HCl from 1 to at least 3, and preferably 4.

IPC 1-7  
**A61K 31/66**

IPC 8 full level  
**A61K 9/00** (2006.01); **A61K 9/08** (2006.01); **A61K 31/663** (2006.01); **A61K 47/12** (2006.01); **A61K 47/26** (2006.01); **A61P 19/10** (2006.01)

CPC (source: EP)  
**A61K 9/0095** (2013.01); **A61K 31/663** (2013.01); **A61P 19/10** (2018.01)

Citation (search report)  
• [X] US 5462932 A 19951031 - BRENNER GERALD S [US], et al  
• [X] WO 9605842 A1 19960229 - MERCK & CO INC [US], et al  
• [X] EP 0623347 A1 19941109 - SANOFI ELF [FR]  
• [X] US 5270365 A 19931214 - GERTZ BARRY J [US], et al  
• [A] US 4621077 A 19861104 - ROSINI SERGIO [IT], et al  
• [A] US 4206209 A 19800603 - KRACAUER PAUL [US]  
• See also references of WO 9814196A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9814196 A1 19980409**; AU 4644897 A 19980424; AU 723357 B2 20000824; BG 103306 A 20000131; BR 9712197 A 19990831; CA 2267370 A1 19980409; CN 1238691 A 19991215; CZ 116999 A3 19990915; EA 001213 B1 20001225; EA 199900352 A1 19990826; EE 03669 B1 20020415; EE 9900113 A 19991015; EP 1007054 A1 20000614; EP 1007054 A4 20000719; HU P0000125 A2 20000628; HU P0000125 A3 20010428; IL 129127 A0 20000217; IS 5012 A 19990326; JP 2001501222 A 20010130; NO 991569 D0 19990330; NO 991569 L 19990604; NZ 334836 A 20001124; PL 332496 A1 19990913; SK 42999 A3 20000118; TR 199900730 T2 19990721; YU 17499 A 19991122

DOCDB simple family (application)  
**US 9715740 W 19971002**; AU 4644897 A 19971002; BG 10330699 A 19990402; BR 9712197 A 19971002; CA 2267370 A 19971002; CN 97180165 A 19971002; CZ 116999 A 19971002; EA 199900352 A 19971002; EE 9900113 A 19971002; EP 97945195 A 19971002; HU P0000125 A 19971002; IL 12912797 A 19971002; IS 5012 A 19990326; JP 51654198 A 19971002; NO 991569 A 19990330; NZ 33483697 A 19971002; PL 33249697 A 19971002; SK 42999 A 19971002; TR 9900730 T 19971002; YU 17499 A 19990331