

Title (en)
2-CYANOACRYLIC ACID ESTERS

Title (de)
2-CYANACRYLSÄUREESTER

Title (fr)
ESTERS D'ACIDE 2-CYANOACRYLIQUE

Publication
EP 0790980 A1 19970827 (DE)

Application
EP 95938395 A 19951103

Priority
• DE 4440055 A 19941110
• DE 19519895 A 19950531
• EP 9504312 W 19951103

Abstract (en)
[origin: WO9615102A2] Described are 2-cyanoacrylic acid esters (I) in which the groups are defined as follows: R<1> and R<2> are hydrogen or a group with an isocyclic or heterocyclic ring system having at least one iso-aromatic or hetero-aromatic nucleus, whereby one of the groups R<1> and R<2> must be different from hydrogen, n is from 2 to 10, X in the case when n = 2 is a group of the formula (II) in which m is from 2 to 8, X in the case when n > 2 is an n-hydric aliphatic or cycloaliphatic polyol group with 3 to 20 C-atoms, whereby the cycloaliphatic polyol group may include 1 to 2 hetero-atoms and the aliphatic polyol group may include up to 8 non-adjacent oxygen atoms, sulphur atoms, imino groups or C1-C4 alkylimino groups in the carbon chain. Compounds of the formula (I) are suitable for use as light-protection agents.

IPC 1-7
C07C 255/23; **C07C 255/30**; **C07C 255/41**; **C09K 15/16**

IPC 8 full level
C07D 211/14 (2006.01); **C07B 63/04** (2006.01); **C07C 253/30** (2006.01); **C07C 255/19** (2006.01); **C07C 255/23** (2006.01); **C07C 255/30** (2006.01); **C07C 255/41** (2006.01); **C07C 255/42** (2006.01); **C07D 211/46** (2006.01); **C08K 5/315** (2006.01); **C08K 5/3435** (2006.01); **C09D 7/12** (2006.01); **C09K 3/00** (2006.01); **C09K 15/16** (2006.01); **C09K 15/20** (2006.01)

CPC (source: EP KR US)
C07B 63/04 (2013.01 - EP US); **C07C 255/19** (2013.01 - EP US); **C07C 255/23** (2013.01 - KR); **C07C 255/30** (2013.01 - EP KR US); **C07C 255/41** (2013.01 - EP KR US); **C07C 255/42** (2013.01 - EP US); **C07D 211/46** (2013.01 - EP US); **C08K 5/315** (2013.01 - EP US); **C08K 5/3435** (2013.01 - EP US); **C09D 7/48** (2018.01 - EP US); **C09K 15/16** (2013.01 - KR)

Cited by
WO2013068596A1

Designated contracting state (EPC)
BE CH DE ES FR GB GR IT LI NL PT

DOCDB simple family (publication)
WO 9615102 A2 19960523; **WO 9615102 A3 19960725**; AU 3980395 A 19960606; BG 101460 A 19980831; BR 9509644 A 19970916; CA 2204430 A1 19960523; CN 1046707 C 19991124; CN 1162955 A 19971022; CZ 134997 A3 19980415; DE 59510031 D1 20020314; EP 0790980 A1 19970827; EP 0900782 A1 19990310; EP 0900782 B1 20020130; ES 2172075 T3 20020916; FI 971991 A0 19970509; FI 971991 A 19970509; JP 3889041 B2 20070307; JP H10511081 A 19981027; KR 970707080 A 19971201; MX 9703351 A 19970830; NO 972156 D0 19970509; NO 972156 L 19970709; PL 320203 A1 19970915; PT 0900782 E 20020731; SK 56097 A3 19980708; US 5821380 A 19981013

DOCDB simple family (application)
EP 9504312 W 19951103; AU 3980395 A 19951103; BG 10146097 A 19970506; BR 9509644 A 19951103; CA 2204430 A 19951103; CN 95196133 A 19951103; CZ 134997 A 19951103; DE 59510031 T 19951103; EP 95938395 A 19951103; EP 98120701 A 19951103; ES 98120701 T 19951103; FI 971991 A 19970509; JP 51568796 A 19951103; KR 19970703117 A 19970509; MX 9703351 A 19951103; NO 972156 A 19970509; PL 32020395 A 19951103; PT 98120701 T 19951103; SK 56097 A 19951103; US 83604297 A 19970512