

Title (en)

Water soluble granulate of phthalocyanine compounds

Title (de)

Wasserlösliche Granulate von Phthalocyaninverbindungen

Title (fr)

Granules de composés de phthalocyanine solubles dans l'eau

Publication

EP 0959123 B1 20040728 (DE)

Application

EP 99810412 A 19990510

Priority

- EP 99810412 A 19990510
- EP 98810459 A 19980518

Abstract (en)

[origin: EP0959123A1] Water-soluble granulates of phthalocyanine compounds (I) contain: in 2-50 wt.% water-soluble (I), (b) 10-95 wt.% anionic dispersant (II), (c) 0-25 wt.% water-soluble organic polymer (III), (d) 0-10 wt.% other additive and (e) 3-15 wt.% water. Independent claims are also included for: (1) The production of the granulates by preparing an aqueous (I) solution, treating this with (II) and optionally other additives and stirring until the solution is homogeneous, then partial drying to a granulate. (2) Detergent formulations containing the granulates.

IPC 1-7

C11D 3/00; C11D 3/39; C11D 3/395

IPC 8 full level

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CPC (source: EP)

C11D 3/0063 (2013.01); **C11D 3/168** (2013.01); **C11D 3/37** (2013.01)

Cited by

DE10020767B4; CN112105173A; US8080511B2; US9534192B2; WO2008125628A3; WO2004022693A1; WO2013150000A1; WO2006117301A1

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