

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

**C11D 1/02** (2006.01); **C11D 3/00** (2006.01); **C11D 3/16** (2006.01); **C11D 3/37** (2006.01); **C11D 3/39** (2006.01)

CPC (source: EP)

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Cited by

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

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