

Title (en)
PROCESS FOR PRODUCING WAX DISPERSIONS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON WACHSDISPERSIONEN

Title (fr)
PROCEDE DE REALISATION DE DISPERSIONS DE CIRE

Publication
EP 0725805 A1 19960814 (DE)

Application
EP 94931535 A 19941020

Priority
• DE 4337030 A 19931029
• EP 9403453 W 19941020

Abstract (en)
[origin: WO9511936A2] Finely dispersed wax dispersions with a long shelf life can be obtained by heating: (A) 10 to 80 wt. % of wax with, (B) 0.5 to 30 wt. % of a hydrophilic non-ionic dispersant with an HLB value of 8 to 18 and, (C) 1 to 30 wt. % of a hydrophobic Co dispersant from the group of fatty alcohols with 12 to 22 C atoms or the partial esters of polyols with 3 to 6 C atoms with fatty acids with 12 to 22 C atoms, provided that the ratio of components (B) and (C) is in the range from 0.5:1 to 20:1, in the presence of 15 to 85 wt. % of water to a temperature above the melting point of the mixture of components (A) to (C) and then heating the dispersion obtained to a temperature within or above the phase inversion point, or producing the dispersion directly at this temperature, and subsequently cooling the dispersion to a temperature below the phase inversion range and possibly further diluting it with water.

IPC 1-7
C08J 3/03; **A61K 7/00**; **A61K 7/48**

IPC 8 full level
A61K 8/00 (2006.01); **A61K 8/04** (2006.01); **A61K 8/06** (2006.01); **A61K 8/34** (2006.01); **A61K 8/37** (2006.01); **A61K 8/92** (2006.01); **A61Q 19/00** (2006.01); **C08J 3/03** (2006.01); **C08J 3/05** (2006.01); **C08K 5/103** (2006.01); **C08L 91/06** (2006.01); **C09K 23/00** (2022.01); **C09K 23/34** (2022.01); **C09K 23/38** (2022.01); **C09K 23/42** (2022.01); **D06M 13/02** (2006.01); **D06M 13/144** (2006.01); **D06M 13/148** (2006.01); **D06M 13/17** (2006.01); **D06M 13/224** (2006.01); **D06M 15/227** (2006.01); **D06M 15/53** (2006.01)

CPC (source: EP US)
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