

Title (en)
DYE PREPARATION

Publication
EP 0060438 A3 19821117 (DE)

Application
EP 82101610 A 19820303

Priority
DE 3109931 A 19810314

Abstract (en)
[origin: US4459130A] A dye preparation consists of a water-soluble acid dye and a water-insoluble basic carrier. The carrier consists of crosslinked polymer particles of average particle diameter of less than 1 μ m and contains at least 2 mVal/g of quaternary ammonium or phosphonium groups. The dye reacts with the carrier in an ion exchange reaction and forms a dye polymer latex which can easily isolated in solid form, stored indefinitely and redispersed in water whenever required. It forms a so-called self-dispersing dye preparation. The dye preparation is useful for making dyed layers such as in photographic recording materials.

IPC 1-7
G03C 1/84; **C08J 3/22**

IPC 8 full level
C09B 65/00 (2006.01); **C08J 3/22** (2006.01); **C09B 67/24** (2006.01); **G03C 1/825** (2006.01); **G03C 1/835** (2006.01)

CPC (source: EP US)
G03C 1/835 (2013.01 - EP US); **Y10S 430/142** (2013.01 - EP US)

Citation (search report)

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