

Title (en)
A SYSTEM FOR ADMIXING PHOTOGRAPHIC PROCESSING CONCENTRATES.

Title (de)
SYSTEM ZUM MISCHEN PHOTOGRAPHISCHER KONZENTRATE.

Title (fr)
SYSTEME DE MELANGE DE CONCENTRES PHOTOGRAPHIQUES.

Publication
EP 0049294 A4 19840203 (EN)

Application
EP 81901235 A 19810410

Priority
• US 13951780 A 19800411
• US 13951980 A 19800411

Abstract (en)
[origin: WO8102850A1] A method and apparatus for admixing liquid with a shear-thinnable concentrate (11) of photographic processing composition to form a photographic processing solution, in which the concentrate is thinned by shear forces and contacted with the diluting liquid under turbulent mixing conditions to dissolve the concentrate in the liquid and thereby form the solutions. The concentrate, which does not flow and resists deformation under conditions of low shear, is displaced from a tube-like container (13) through an orifice (37) where conditions of high shear render it free-flowing and form a stream. One or more liquid jets (51, 53, 55) are directed at the stream with sufficient force to disperse the concentrate under turbulent mixing conditions. A mixer (57) then completes the dissolution of the concentrate in the liquid.

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IPC 8 full level
G03C 5/26 (2006.01); **B01F 23/47** (2022.01)

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Citation (search report)
• [Y] FR 2392414 A1 19781222 - POLAROID CORP [US]
• [Y] FR 2324898 A1 19770415 - ELECTRON FUSION DEVICES [US]
• [Y] DE 1278999 B 19681003 - ERNEST NEWELL MARTIN, et al

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DOCDB simple family (publication)
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US 8100472 W 19810410; BR 8108311 A 19810410; EP 81901235 A 19810410; FR 8107329 A 19810413; IT 2107981 A 19810410