

Title (en)

Fluid treatment apparatus.

Title (de)

Gerät zur Behandlung mit Flüssigkeit.

Title (fr)

Appareil de traitement à fluides.

Publication

EP 0061300 A1 19820929 (EN)

Application

EP 82301381 A 19820317

Priority

GB 8108304 A 19810317

Abstract (en)

A fluid treatment apparatus, for example, for treating photographic material or the like, wherein a plurality of tanks (11-18) are arranged in side-by-side relation and a suspension device (50) is caused to rise, move laterally and then be lowered into each tank in turn. The tanks for chemicals are each provided with a pair of doors (90) which reduce evaporation, prevent oxidation and save heat. The doors are floating on the liquid in the tank and being opened and closed by the act of raising and lowering the suspension device which has a carrier for the material to be treated thereon. The suspension device and carrier are reciprocated vertically gently to cause agitation and further agitation is achieved by indexing the carrier within the liquid relative to the suspension device.

IPC 1-7

G03D 3/10; G03D 3/04

IPC 8 full level

G03D 3/08 (2006.01); **G03D 3/04** (2006.01); **G03D 3/10** (2006.01)

CPC (source: EP)

G03D 3/04 (2013.01); **G03D 3/10** (2013.01)

Citation (search report)

- [Y] US 3739706 A 19730619 - CARSTENS H
- [Y] US 3469517 A 19690930 - NISHIMOTO KAN-ICHI
- [Y] US 4112454 A 19780905 - HARVEY DONALD MALCOLM
- [Y] GB 892003 A 19620321 - PAKO CORP
- [A] GB 1495745 A 19771221 - KODAK LTD
- [A] GB 382537 A 19321027 - IG FARBENINDUSTRIE AG
- [A] FR 1492766 A 19670825
- [A] FR 817633 A 19370907 - BRAUTHITE

Cited by

EP1217440A3; EP0301710A1; CN113731721A; US6505978B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0061300 A1 19820929; GB 2094671 A 19820922; GB 2094671 B 19840613; JP S581149 A 19830106

DOCDB simple family (application)

EP 82301381 A 19820317; GB 8108304 A 19810317; JP 4163282 A 19820316