

Title (en)  
PHOTOGRAPHIC DEVELOPING APPARATUS

Title (de)  
PHOTOGRAPHISCHES ENTWICKLUNGSGERÄT

Title (fr)  
APPAREIL DE DEVELOPPEMENT PHOTOGRAPHIQUE

Publication  
**EP 0564598 B1 19960911 (EN)**

Application  
**EP 92904285 A 19911218**

Priority

- US 63349090 A 19901228
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- US 63350590 A 19901228
- US 63350790 A 19901228
- US 63352190 A 19901228
- US 9109488 W 19911218

Abstract (en)  
[origin: WO9212465A1] Apparatus for treating photographic film or paper with a fluid comprises means for defining a thin fluid treatment channel (48) for receiving the web and having at least one pair of elongated juxtaposed fluid injection openings (34, 36) for injecting fluid into said channel (48) on opposite sides of the web and at least one pair of elongated evacuation openings (38, 40) on opposite sides of the web in spaced relationship with the injection openings. Means are provided for supplying treatment fluid under pressure to the injection openings (34, 36) to inject treatment fluid under pressure into the channel (48) on opposite sides of the web to support the web and to establish a high velocity laminar flow of treatment fluid from the injection openings (34, 36) to the evacuation openings (38, 40), the evacuation openings (38, 40) being spaced from the injection openings (34, 36) by a predetermined distance to effect discharge of fluid from the channel (48) when the fluid boundary layer reaches a predetermined thickness to maintain a mass transfer rate in the fluid which exceeds the mass transfer rate in the web.

IPC 1-7  
**G03D 5/04**; **G03D 15/02**

IPC 8 full level  
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