

Title (en)

Apparatus for conveying fluid substances in a machine using these substances

Title (de)

Einrichtung zur Zuführung fließfähiger Substanzen an eine substanzverbrauchende Maschine

Title (fr)

Dispositif d'alimentation de substances fluides à une machine utilisant ces substances

Publication

**EP 0601675 B1 19970219 (DE)**

Application

**EP 93250310 A 19931109**

Priority

DE 9215639 U 19921112

Abstract (en)

[origin: EP0601675A1] An apparatus (1) for conveying fluid substances on a printing or coating machine comprises a substance-delivering pump (3) which has delivery elements (32) which are in engagement. The apparatus is designed as a submerged pump with, extending along it, a circular cylindrical hollow outer body (31) for submerging in substance. At its non-submerged end, the body (31) is fastened on a pump motor (34) while, at the submersible end, it is closed off with an end wall (36). A substance passage opening (380) is designed in the region of the non-submerged end. The conveying elements (32) are arranged in the region of the submersible end. A substance passage opening (360) is arranged in the edge region of the submersible hollow body end. The apparatus can be used for various substance productive capacities and printing/coating machines with reduced substance residual quantities. <IMAGE>

IPC 1-7

**B41F 15/40**; **F04C 13/00**

IPC 8 full level

**B41F 15/40** (2006.01); **F04C 13/00** (2006.01)

CPC (source: EP)

**B41F 15/40** (2013.01); **F04C 13/00** (2013.01)

Designated contracting state (EPC)

AT CH DE FR IT LI NL

DOCDB simple family (publication)

**EP 0601675 A1 19940615**; **EP 0601675 B1 19970219**; AT E149017 T1 19970315; DE 59305495 D1 19970327; DE 9215639 U1 19940317

DOCDB simple family (application)

**EP 93250310 A 19931109**; AT 93250310 T 19931109; DE 59305495 T 19931109; DE 9215639 U 19921112