

Title (en)

Sealing device for an ink rail device.

Title (de)

Dichtungsanordnung für eine Kammerrakel.

Title (fr)

Dispositif d'étanchéité pour chambre à racle

Publication

EP 1193062 B1 20060802 (FR)

Application

EP 00440256 A 20000928

Priority

- EP 00440256 A 20000928
- FR 9905009 A 19990419
- US 65906200 A 20000911

Abstract (en)

[origin: US6412410B1] The invention relates to an end sealing system for a scraper chamber (6) of an impression machine or a machine depositing a viscous or liquid fluid on a surface, the chamber cooperating with a screen transfer cylinder (1) and being laterally closed by longitudinal scrapers (2). The system includes a mounting frame (3) housed at the end of the scraper chamber (6), an elongated seal (4) made of an elastically deforming alveolar material cooperating at its ends with the mounting frame (3), and a rigid second seal (5) mounted on the elongated seal (4) between the latter's ends, and being guided in the mounting frame (3). The ends of the elongated seal (4) rest under the ends of the scraper (2) on the side opposite the screen transfer cylinder (1). In particular, the invention can be used with a machine depositing a viscous or liquid fluid on relatively moving surfaces, in particular using impression cylinders or depositing cylinders, these cylinders being supplied with fluid from a screen transfer cylinder cooperating with a scraper chamber.

IPC 8 full level

B41F 31/02 (2006.01)

CPC (source: EP US)

B41F 31/027 (2013.01 - EP US)

Cited by

DE102013216662A1; DE102013216662B4

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6412410 B1 20020702; AT E334822 T1 20060815; DE 60029789 D1 20060914; DE 60029789 T2 20070802; EP 1193062 A1 20020403; EP 1193062 B1 20060802; ES 2269086 T3 20070401; FR 2792249 A1 20001020; FR 2792249 B1 20010622

DOCDB simple family (application)

US 65906200 A 20000911; AT 00440256 T 20000928; DE 60029789 T 20000928; EP 00440256 A 20000928; ES 00440256 T 20000928; FR 9905009 A 19990419