

Title (en)

EDGE DAM ASSEMBLY FOR PAPER COATING APPARATUS

Publication

EP 0063618 B1 19850807 (EN)

Application

EP 81103064 A 19810423

Priority

EP 81103064 A 19810423

Abstract (en)

[origin: EP0063618A1] An edge dam assembly 22 for an applicator for applying a coating liquid to a web 24 of moving paper carried on a backing roll 26, the applicator being of the type having a chamber 32 for receiving coating liquid and an opening therein for directing the liquid onto the web 24, is characterized by a seal element sealed with the front and rear walls of the chamber 32 in an end space therebetween and extending toward and closely adjacent to but spaced from the web 24. The face of the seal element adjacent the web has a plurality of grooves 54 extending generally parallel to the direction of movement of the web 24, so that coating material which attempts to seep past the seal element enters the grooves 54 and leakage of coating material past the seal element is significantly minimized.

IPC 1-7

B05C 3/12; D21H 5/00; B05C 3/18

IPC 8 full level

B05C 1/12 (2006.01); **B05C 3/12** (2006.01); **B05C 5/02** (2006.01)

CPC (source: EP)

B05C 3/125 (2013.01); **B05C 5/0266** (2013.01); **D21H 5/0015** (2013.01); **D21H 23/40** (2013.01)

Cited by

DE3300612A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0063618 A1 19821103; **EP 0063618 B1 19850807**

DOCDB simple family (application)

EP 81103064 A 19810423