

Title (en)

Adjusting device for the top lip beam of a headbox.

Title (de)

Einstellvorrichtung für den Oberlippenbalken eines Stoffauflaufkastens.

Title (fr)

Dispositif d'ajustage pour la poutre de lèvre supérieur d'une caisse de tête.

Publication

EP 0492190 A1 19920701 (EN)

Application

EP 91120791 A 19911203

Priority

FI 906349 A 19901221

Abstract (en)

The invention concerns an adjusting device for the top lip beam of the headbox of a paper machine, board machine, or wet-lap pulp machine, by whose means the position of the top lip beam (13) is changed for regulation of the height (h) and position (s) of the discharge opening (15). The top lip beam (13) is included in a headbox in whose discharge duct (16) there is a perforated roll (14) as an equalizing member, and between which perforated roll (14) and the top lip beam (13) of the headbox there is a gap (C). The adjusting device comprises adjusting members (54,56) for changing the position of the top lip beam (13) and adjusting members for regulating the gap (C) between the top lip beam (13) and the perforated roll (14). The members for adjusting the gap (C) between the top lip beam (13) and the perforated roll (14) consist of a mobile, rigid partition wall (30), which is by one end linked (32) with the top lip beam (13) and by the other end linked (31) with a part (43) which is arranged mobile in the vertical direction (V) in relation to the stationary front wall (40). The partition wall (30) closes the opening between the stationary front wall (40) and the top lip beam (13). <IMAGE>

IPC 1-7

D21F 1/02

IPC 8 full level

D21F 1/06 (2006.01); **D21F 1/02** (2006.01)

CPC (source: EP KR)

D21F 1/02 (2013.01 - EP KR); **D21F 1/028** (2013.01 - EP)

Citation (search report)

- [AD] FI 66219 B 19840531 - VALMET OY [FI]
- [AD] GB 1276040 A 19720601 - AHLSTROEM OY [FI]
- [A] DE 3730775 A1 19880331 - VALMET OY [FI]
- [AD] FI 36355 B

Cited by

CN104452405A; US5578172A; WO0043591A1

Designated contracting state (EPC)

AT DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0492190 A1 19920701; CA 2056849 A1 19920622; CN 1062565 A 19920708; FI 85996 B 19920313; FI 85996 C 19920625; FI 906349 A0 19901221; FI 906349 A 19920313; JP H04300382 A 19921023; KR 920012654 A 19920727

DOCDB simple family (application)

EP 91120791 A 19911203; CA 2056849 A 19911203; CN 91111728 A 19911221; FI 906349 A 19901221; JP 33319791 A 19911217; KR 910023167 A 19911217