

Title (en)

Runnability component for the drying section of a paper machine and method for drying a paper web

Title (de)

Baulelement zur Steuerung des Bahnlaufes in der Trockenpartie einer Papiermaschine und Verfahren zum Trocknen einer Papierbahn

Title (fr)

Élément pour contrôler le cheminement d'une bande de papier dans la sécherie d'une machine à papier et procédé pour sécher une bande de papier

Publication

EP 2607548 A1 20130626 (EN)

Application

EP 12198076 A 20121219

Priority

FI 20116291 A 20111220

Abstract (en)

The invention relates to a box-like elongated runnability component (10) and a method for a drying section of a paper machine or the like. The runnability component comprises an entry side surface (10a) and an exit side surface (10b), which are connected to each other at least by a lower surface, whereby the entry side surface, exit side surface and lower surface delimit the inner volume of the runnability component. Further, it has a first end and a second end (10', 10''), between which it extends in its length direction, as well as a first blowing element (11), which is arranged in connection with the entry side surface to blow air upwards, and a first sealing element (20), which is arranged in connection with the entry side surface, beneath the first blowing element, whereby the first sealing element divides the surface of the entry side into a first region and a second region. Furthermore, the lower surface of the runnability component is provided with a first suction element, which is formed by at least one suction gap or by at least one row of suction holes (31, 31', 31''), extending from the first end of the runnability component towards the second end thereof, wherein the runnability component comprises means for adjusting the size of the suction holes or the width of the suction gap.

IPC 8 full level

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CPC (source: EP FI)

D21F 5/042 (2013.01 - EP FI); **D21F 5/046** (2013.01 - FI)

Citation (search report)

- [A] EP 1194641 B1 20050518 - METSO PAPER INC [FI]
- [A] DE 4314475 A1 19931223 - VOITH GMBH J M [DE]
- [A] EP 1155189 B1 20040609 - METSO PAPER INC [FI]

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CN114481668A; AT526634A1; DE202018101169U1

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