

Title (en)
Drainage foil for a paper machine

Title (de)
Siebleiste für Papiererzeugungsanlagen

Title (fr)
Racle d'égouttage pour une machine à papier

Publication
EP 1577437 A1 20050921 (DE)

Application
EP 04450232 A 20041217

Priority
AT 4632004 A 20040317

Abstract (en)
Support strip (1) and plate (3) are joined by mechanical interlocking. One, e.g. the plate (3), includes an undercut groove (4), whilst the other e.g. the strip, has a matched interlocking projection forming a holding strip (2). The holding strip is wedged into the groove. The support strip comprises two sections (11, 12) which are adjustable with respect to each other, enabling it to be clamped around the plate projection. The sections are elastic limbs (11, 12) or they are articulated together. They are matched profiles which can be brought into mutual contact. An adjuster (6) sets the clamped position. The adjuster is a screw exerting tension or pressure, or alternatively it is a flexible pressure tube. Further variations of the fixing profiles are described, in accordance with the foregoing principles. The flexible tubing is used as a locking component, being subjected internally to a pressure medium, especially hydraulic. When it is formed as a sealed tube containing a pressure fluid, the internal pressure increases in accordance with the working temperature.

Abstract (de)
Siebleiste, bestehend aus einer Tragleiste (1), welche mit Platten (3) aus einem keramischen Material versehen ist, für Papiererzeugungsanlagen. Dabei ist entweder die Tragleiste [1] oder jede auf dieser befestigte keramische Platte [3] an den einander zugewandten Seiten mit mindestens einer sich in Richtung der Tragleiste [1] über die Länge der Platte (3) erstreckenden, hinterschnittenen Nut (4) und der jeweils andere Teil mit mindestens einer der hinterschnittenen Nut (4) angenähert gegengleich ausgebildeten, sich in Richtung der Tragleiste [1] erstreckenden Halteleiste (2) ausgebildet, wobei die mindestens eine Halteleiste (2) in der mindestens einen Nut (4) verklemmbar ist. <IMAGE>

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D21F 1/48

IPC 8 full level
D21F 1/52 (2006.01); **D21F 1/48** (2006.01)

CPC (source: EP US)
D21F 1/483 (2013.01 - EP US)

Citation (search report)

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