

Title (en)

Refining element for refining fibres, in particular papermaking fibres, and refiner with such a refining element

Title (de)

Mahlgarnitur zum Mahlen von Fasern, insbesondere Papierfasern und Mahlmaschine mit einer solchen Mahlgarnitur

Title (fr)

Élément de raffinage pour fibres, notamment papetières, et raffineur comprenant un tel élément

Publication

EP 1925722 A1 20080528 (FR)

Application

EP 07301372 A 20070917

Priority

FR 0655052 A 20061122

Abstract (en)

The element has a set of projected blades or teeth (5) on an active surface. The blades or teeth are oriented with each other within a zone area (6) of the active surface in parallel manner. The blades or teeth are fixed on a movable or fixed disc plate (1) of one of a set of active parts of the element. The element is made of a sheet that is issued from rolling equipment and is cut based on the desired shape of the element, where the sheet is made of steel such as stainless steel. A circular crown (3) is coaxial with a part of a spacer (2) and a part of the plate, and is made from the sheet.

Abstract (fr)

Cet élément de raffinage pour fibres, comporte sur sa surface active (4) une pluralité de lames ou dents (5) en saillie, parallèles entre elles au sein d'une même zone (6) de ladite surface active, et destiné à être fixé sur un plateau ou support (1) de l'une des pièces actives dudit raffineur. Cet élément est constitué d'une tôle issue de laminage, découpée en fonction de la forme souhaitée de l'élément.

IPC 8 full level

D21D 1/30 (2006.01)

CPC (source: EP)

D21D 1/306 (2013.01)

Citation (search report)

- [XY] DE 202004001620 U1 20040408 - VOITH PAPER PATENT GMBH [DE]
- [Y] US 4951888 A 19900828 - SHARPE PATRICK E [US], et al
- [Y] US 6053440 A 20000425 - LARIVIERE CHRISTOPHER J [US]
- [A] WO 2004054717 A2 20040701 - VOITH PAPER PATENT GMBH [DE], et al

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Designated contracting state (EPC)

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Designated extension state (EPC)

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