

Title (en)  
Foil for screening apparatus

Title (de)  
Flügel für Sortiervorrichtungen

Title (fr)  
Pale pour des dispositifs de tamisage

Publication  
**EP 0764736 B1 20020306 (DE)**

Application  
**EP 96115317 A 19960924**

Priority  
DE 29515338 U 19950925

Abstract (en)  
[origin: EP0764736A2] A rotor blade for a sieve, esp. for fibrous material suspensions in paper pulping, has an outer contour facing a sieve wall which interacts with the sieve wall so that it generates, in the direction of flow of the stock, a suction zone section (C) with increasing blade width and a pressure zone section (D) with decreasing blade width. The total length (F1) of the blade (5) is composed of the length of the suction zone section (C) and the length (L1) of the pressure zone section (D), and the outer contour of the blade has a smooth profile from the section of increasing blade width to that of decreasing width, even at the transition point. The length (L1) of the blade in the pressure zone section (D) is about 0.1 - 0.45 x F1.

IPC 1-7  
**D21D 5/02**

IPC 8 full level  
**B07B 1/20** (2006.01); **D21D 5/02** (2006.01)

CPC (source: EP)  
**B07B 1/20** (2013.01); **D21D 5/026** (2013.01)

Cited by  
WO2008119880A1; JP2010523829A; DE212007000035U1; DE102009014810A1; US8714364B2; WO9853135A1; WO2007090933A1; US8181791B2; US10617979B2; US11135532B2; EP1266077B2

Designated contracting state (EPC)  
AT CH DE ES FI FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0764736 A2 19970326; EP 0764736 A3 19970702; EP 0764736 B1 20020306**; AT E214114 T1 20020315; CA 2186328 A1 19970326; CA 2186328 C 20080212; DE 29515338 U1 19951123; DE 59608825 D1 20020411; ES 2173233 T3 20021016

DOCDB simple family (application)  
**EP 96115317 A 19960924**; AT 96115317 T 19960924; CA 2186328 A 19960924; DE 29515338 U 19950925; DE 59608825 T 19960924; ES 96115317 T 19960924