

Title (en)

FILTER SEGMENT FOR A FILTER FOR THICKENING A FIBROUS SUSPENSION

Publication

**EP 0280094 B1 19900725 (DE)**

Application

**EP 88101672 A 19880205**

Priority

DE 3706402 A 19870227

Abstract (en)

1. A sector-shaped screen segment for rotating disc filters or thickeners with a folded screen for thickening fiber suspensions, comprising a frame (20, 22, 30) having a radially outer leg (20) and a lateral leg (22) at each of its two sides which extend, in particular, in radial direction, two screen carriers (16) being attached to said legs and forming screen supports arranged in axially spaced relationship to one another and, together with a screen (10) resting thereon, the two main surfaces of said screen segment, both said screen carriers (16) and said frame legs (20, 22, 30) being in the form of molded parts, characterized in that said screen (10) is embedded in said frame legs (20, 22, 30) and said screen carriers (16).

IPC 1-7

**D21C 9/18; D21D 5/04**

IPC 8 full level

**B01D 33/17** (2006.01); **D21C 9/18** (2006.01); **D21D 5/04** (2006.01); **D21F 1/66** (2006.01)

CPC (source: EP US)

**D21C 9/18** (2013.01 - EP US); **D21D 5/046** (2013.01 - EP US); **D21F 1/66** (2013.01 - EP US); **Y10S 264/48** (2013.01 - EP US)

Citation (examination)

- US 1767078 A 19300624 - JOHN JOHNSON
- US 4077887 A 19780307 - LANGVIK SIGMUND COLL

Cited by

AT401069B; US9820956B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 4950403 A 19900821**; AT E54967 T1 19900815; CA 1324344 C 19931116; DE 3706402 C1 19880707; DE 3860346 D1 19900830; EP 0280094 A2 19880831; EP 0280094 A3 19890301; EP 0280094 B1 19900725; FI 85341 B 19911231; FI 85341 C 19920410; FI 880649 A0 19880212; FI 880649 A 19880828; JP 2645057 B2 19970825; JP S63219691 A 19880913

DOCDB simple family (application)

**US 15463488 A 19880210**; AT 88101672 T 19880205; CA 558817 A 19880212; DE 3706402 A 19870227; DE 3860346 T 19880205; EP 88101672 A 19880205; FI 880649 A 19880212; JP 4239588 A 19880226