

Title (en)

REPEATEDLY USABLE FILTER FRAME AND FILTER FOR FLUID USING THE SAME

Title (de)

WIEDERVERWENDBARER FILTERRAHMEN UND FLUIDUM FILTER UNTER VERWENDUNG DESSELBEN

Title (fr)

CADRE DE FILTRE REUTILISABLE ET FILTRE A FLUIDE METTANT EN OEUVRE UN TEL CADRE

Publication

**EP 0912228 A1 19990506 (EN)**

Application

**EP 97933348 A 19970709**

Priority

- CN 97196250 A 19970709
- JP 18052496 A 19960710
- US 9711955 W 19970709
- US 10622998 A 19980629

Abstract (en)

[origin: WO9801212A1] To provide a filter frame which enables a filtering medium to be easily renewed on a site and makes it possible to provide a filter at a low cost. The filter frame comprises a pair of frame elements capable of being integrally coupled together through flange bonding, each frame element comprising a passage portion allowing the passage of a fluid to be filtered and a flange portion outwardly disposed at a peripheral end portion of said passage portion, and that each of said flange portions has at least one bending portion, and said two flange portions, when coupled together, are engaged with each other based upon at least one tongue-in-groove connecting portion with said filtering medium being sandwiched between said flange portions.

IPC 1-7

**B01D 46/42**; **B01D 29/00**; **A61M 16/10**

IPC 8 full level

**A61M 16/10** (2006.01); **B01D 29/01** (2006.01); **B01D 35/30** (2006.01); **B01D 46/00** (2006.01); **B01D 46/42** (2006.01)

CPC (source: EP)

**A61M 16/105** (2013.01); **B01D 29/01** (2013.01); **B01D 46/0015** (2013.01); **A61M 16/1055** (2013.01); **B01D 2201/4084** (2013.01); **B01D 2265/04** (2013.01)

Citation (search report)

See references of WO 9801212A1

Designated contracting state (EPC)

DE SE

DOCDB simple family (publication)

**WO 9801212 A1 19980115**; CN 1088386 C 20020731; CN 1225033 A 19990804; EP 0912228 A1 19990506; JP H1033910 A 19980210

DOCDB simple family (application)

**US 9711955 W 19970709**; CN 97196250 A 19970709; EP 97933348 A 19970709; JP 18052496 A 19960710