

Title (en)  
APPARATUS FOR MODULATING FLUID FLOW

Title (de)  
VORRICHTUNG ZUM MODULIEREN VON DURCHFLÜSSEN

Title (fr)  
APPAREIL DE MODULATION DE DEBIT DE FLUIDE

Publication  
**EP 1117877 A4 20041229 (EN)**

Application  
**EP 99945753 A 19990903**

Priority  
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• AU PP568498 A 19980903

Abstract (en)  
[origin: WO0014344A1] An apparatus (10) for modulating fluid flow which comprises a first flow path (13) and a second flow path. The second flow path is transverse to the first flow path (13), and has a fluid inlet (31) which opens onto the first flow path (13). The fluid inlet (31) is such that a portion of fluid flowing along the first flow path (13) is diverted into the second flow path. The position of the fluid inlet (31) is set in relation to the direction of fluid flow in the first flow path (13) and in relation to the extent of fluid to be diverted from the first flow path (13) into the second flow path.

IPC 1-7  
**E03B 7/07**; **E04H 4/12**; **E04H 4/14**; **F16L 25/00**; **F16L 27/08**; **F16L 27/087**; **F16L 27/093**

IPC 8 full level  
**E03B 7/07** (2006.01); **E04H 4/12** (2006.01); **E04H 4/14** (2006.01); **F16L 25/00** (2006.01); **F16L 27/08** (2006.01); **F16L 27/087** (2006.01); **F16L 27/093** (2006.01)

CPC (source: EP)  
**E04H 4/12** (2013.01)

Citation (search report)  
• [X] US 4816155 A 19890328 - LINDERMAN R IVAN [US]  
• [X] US 5795475 A 19980818 - LUEDKE FREDERICK L [US], et al  
• [A] US 5474102 A 19951212 - LOPEZ ROBERT [US]  
• See references of WO 0014344A1

Designated contracting state (EPC)  
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**WO 0014344 A1 20000316**; AT E440185 T1 20090915; AU 5839699 A 20000327; AU 743517 B2 20020124; AU PP568498 A0 19981001; DE 69941295 D1 20091001; EP 1117877 A1 20010725; EP 1117877 A4 20041229; EP 1117877 B1 20090819; ES 2330172 T3 20091204

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