

Title (en)  
CAPILLARY TUBE CONDUCTION SYSTEM AS WELL AS THE MANUFACTURE AND DEVICE FOR MANUFACTURING A CAPILLARY TUBE CONDUCTION SYSTEM

Publication  
**EP 0529419 A3 19930616 (DE)**

Application  
**EP 92113781 A 19920813**

Priority  
DE 4127747 A 19910822

Abstract (en)  
[origin: EP0529419A2] In order to produce a tube connection (3 or 5) for a capillary tube (2), the tube connecting section (7) is provided with a plugged-on connecting piece (10), an expansion (22) which is in the form of a funnel and is matched to a broadening (18) is then produced at the tube end, and said expansion (22) is finally fixed at the end with respect to the connecting piece (10), by means of a welded connection (20). Thereafter, the mouthpiece thus formed can be connected to a connecting unit (4 or 6), for example a diaphragm socket, a temperature sensor or the like, such that the connection (20) rests in the fluid space of the duct system (1) such that it is completely covered to the exterior. All the operation steps can be carried out fully automatically, for example on a transfer line. <IMAGE>

IPC 1-7  
**H01H 35/30**

IPC 8 full level  
**F16L 13/02** (2006.01); **F16L 41/02** (2006.01); **H01H 35/30** (2006.01); **H01H 37/36** (2006.01)

IPC 8 main group level  
**F16L 25/00** (2006.01)

CPC (source: EP US)  
**H01H 35/30** (2013.01 - EP US)

Citation (search report)  
• [A] FR 2266215 A1 19751024 - FISCHER KARL [DE]  
• [A] FR 2553688 A1 19850426 - DANFOSS AS [DK]  
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**EP 0529419 A2 19930303; EP 0529419 A3 19930616; EP 0529419 B1 19971229**; AT E161655 T1 19980115; AU 2120292 A 19930225; AU 662158 B2 19950824; DE 4127747 A1 19930225; DE 59209084 D1 19980205; ES 2111588 T3 19980316; JP 3331550 B2 20021007; JP H05263981 A 19931012; SI 9200177 A 19930331; SI 9200177 B 20011031; TR 26449 A 19950315; US 5358288 A 19941025

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**EP 92113781 A 19920813**; AT 92113781 T 19920813; AU 2120292 A 19920821; DE 4127747 A 19910822; DE 59209084 T 19920813; ES 92113781 T 19920813; JP 24253292 A 19920820; SI 9200177 A 19920819; TR 85292 A 19920821; US 93544592 A 19920824