

Title (en)  
Sleeve connection

Title (de)  
Muffensteckverbindung

Title (fr)  
Raccord à manchon

Publication  
**EP 1384949 A3 20051012 (DE)**

Application  
**EP 03016878 A 20030724**

Priority  
DE 10233752 A 20020725

Abstract (en)  
[origin: EP1384949A2] The socket and sleeve pipe joint is for an exhaust gas channel or a chimney pipe at a heating system, where the pipe ends are pushed together to lock by their positive and negative cone surfaces. The end of the inserted pipe (3) has a slight conical shape along the length of a leading section (5), with a recessed ring groove (10) at the smallest diameter of the cone (6) to hold a seal (D1) if required. It transits into a cylindrical section (7) with an outer diameter corresponding to the smallest diameter of the cone at the end of the inserted pipe. The end sections of the inserted pipe flanking the groove have the same length. The sleeve end of the other pipe (1) has a slightly expanded cone shape (8), matching the diameter of the inserted cone of the first pipe. When assembled together, there is no contact at the cylindrical section.

IPC 1-7  
**F23J 13/04**

IPC 8 full level  
**F23J 13/04** (2006.01)

CPC (source: EP)  
**F23J 13/04** (2013.01); **F23J 2213/202** (2013.01); **F23J 2213/204** (2013.01)

Citation (search report)  
• [AD] DE 9419304 U1 19950216 - KARL SCHRAEDER NACHF KG [DE]  
• [AD] DE 29603929 U1 19960425 - REITZ EBERHARD [DE]  
• [A] DE 19519073 A1 19951130 - SEM SCHNEIDER ELEMENTEBAU GMBH [DE]

Cited by  
CN112307551A

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
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