

Title (en)  
Splice for a drilled pile

Title (de)  
Verbindungs­muffe für ein Bohrrohr

Title (fr)  
Manchette de raccordement pour tube de forage

Publication  
**EP 1010815 A1 20000621 (EN)**

Application  
**EP 99660132 A 19990823**

Priority  
FI U980570 U 19981218

Abstract (en)  
The invention relates to splices (1) between successive tube elements of a pile tube (2) driven into the ground and/or rock. The splice comprises a sleeve (3), inside of which the ends (15, 16) of two successive tube elements are found. The sleeve includes two female taper threads (5a and 5b) expanding towards the ends (7a, 7b) of the sleeve, and male taper threads (6) corresponding to the sleeve threads at the end of each tube element (4a, 4b, etc.) and tapering towards the end surface (8). In the splice, the tube elements are attached to the sleeve by reciprocal gripping of the taper threads (5a and 6; 5b and 6) and they provide an extension for each other, the end surfaces (8) of the opposite tube parts (4a, 4b) being pressed against each other. <IMAGE>

IPC 1-7  
**E02D 5/52**; **E21B 17/08**; **F16L 15/06**

IPC 8 full level  
**E02D 5/52** (2006.01); **E21B 17/08** (2006.01); **F16L 15/06** (2006.01)

CPC (source: EP)  
**E02D 5/523** (2013.01); **E21B 17/08** (2013.01)

Citation (applicant)  
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