

Title (en)  
Abutment piece for shuttering

Title (de)  
Schalungsanschlag

Title (fr)  
Cale pour coffrage

Publication  
**EP 0971084 A1 20000112 (DE)**

Application  
**EP 99112877 A 19990703**

Priority  
DE 29812111 U 19980709

Abstract (en)  
The abutment has a cylindrical jacket (1) which has two end surfaces (2,4) from which a serrated support surface is formed. An intermediate base is also formed that extends from one side of the jacket to another. An opening is provided in the base of the abutment to enable it to be attached to the formwork with at least one other opening provided in the jacket.

Abstract (de)  
Ein Schalungsanschlag, wie er zum seitlichen Abstützen von Betonschalungen verwendet werden kann, enthält einen zylindrischen Mantel (1) mit einem Zwischenboden (5). Durch eine Öffnung (8) in dem Zwischenboden (5) kann ein Befestigungselement hindurchgreifen. Der Mantel (1) enthält mindestens eine Öffnung (10), an der eine Bewehrungsmatte angebracht werden kann. <IMAGE>

IPC 1-7  
**E04G 17/06**; **E04C 5/20**

IPC 8 full level  
**E04C 5/20** (2006.01); **E04G 17/06** (2006.01)

CPC (source: EP)  
**E04C 5/20** (2013.01); **E04G 17/064** (2013.01)

Citation (applicant)  
EP 0420979 A1 19910410 - HANKYO KYOEI BUSSAN CO LTD [JP]

Citation (search report)  
• [PX] EP 0875643 A1 19981104 - HILTI AG [LI]  
• [DA] EP 0420797 A2 19910403 - HILTI AG [LI]  
• [A] WO 9600825 A1 19960111 - RASMUSSEN HENNING BALTZER [DK]  
• [A] EP 0082737 A1 19830629 - HEWITT HOWARD [CA], et al  
• [A] FR 1371116 A 19640828 - RAPID METAL DEVELOPMENTS AUST  
• [A] CH 537504 A 19730713 - ISOFIL UND KUNSTSTOFF AG [CH]  
• [A] FR 2346518 A1 19771028 - MANDELLI JEAN [FR]

Cited by  
EP2110497A1; EP2110498A1; FR2837229A1; DE102008001170A1; DE102008001168A1; EP2196599A2; DE102008054402A1; US8359760B2

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