

Title (en)
Clamp for connecting form work panels together.

Title (de)
Klammer zum Verbinden von Schalttafeln.

Title (fr)
Crampon pour connecter des panneaux de coffrage.

Publication
EP 0369197 A1 19900523 (DE)

Application
EP 89119603 A 19891023

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DE 8814208 U 19881112

Abstract (en)
[origin: US5146816A] PCT No. PCT/DE89/00658 Sec. 371 Date May 13, 1991 Sec. 102(e) Date May 13, 1991 PCT Filed Oct. 18, 1989 PCT Pub. No. WO90/05225 PCT Pub. Date May 17, 1990. A clamp for connecting a pair of formwork panels which are to be disposed side-by-side in a common plane has two clamping members. Each of the clamping members includes a clamping arm for urging the panels together and an adjusting arm which is approximately perpendicular to the respective clamping arm. The clamping members are pivotally mounted on a U-shaped support and the adjusting arms are disposed internally of the support with their free ends overlapping. The clamping arms project from the support and are located on the same side of the latter as the transverse web bridging the legs of the support. The legs are provided with registering openings which are elongated transversely of the adjusting arms. A pivot extends through the overlapping ends of the adjusting arms and into the openings. The pivot is guided by the openings for movement transversely of the adjusting arms and carries an eccentric disc which is arranged to bear against the transverse web of the support. An actuating lever for the clamping members is integral with the disc and projects from the support approximately perpendicular to the clamping arms.

Abstract (de)
Eine Klammer (1) zum Verbinden von in einer Ebene nebeneinander angeordneten Schalttafeln, die umlaufende Randprofile (2), insbesondere Hohlprofile od.dgl. haben, hat zwei gegen die voneinander abgewandten Längsflächen (2a) der aneinanderliegenden Randprofile (2) schwenkbare und diese zusammendrückende Spannbacken (3) und ein Betätigungselement für die Verschwenkung dieser Spannbacken (3). Dabei weisen die beiden Spannbacken (3) jeweils an ihrem von ihrer Klemmstelle (3a) abgewandten Ende einen im Winkel zu ihnen stehenden Verstell-Schenkel (4) auf. Diese Verstell-Schenkel (4) der beiden Spannbacken (3) sind aufeinander zu gerichtet und beide Spannbacken (3) sind etwa im Eckbereich ihrer beiden Schenkel (4) an einem Träger (5) schwenkbar gelagert. Die Enden der beiden Verstell-Schenkel (4) überlappen sich und im Bereich der Überlappung der beiden Verstell-Schenkel (4) greift an beiden gemeinsam ein Exzenter (7) an, dessen Dreh- oder Schwenklagerung (7a) senkrecht zur Schalhaut verschiebbar ist.

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E04G 17/04; F16B 2/10

IPC 8 full level
E04G 17/04 (2006.01); **F16B 2/10** (2006.01)

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E04G (2006.01)

CPC (source: EP KR US)
E04G 17/04 (2013.01 - EP KR US); **E04G 2009/025** (2013.01 - EP US)

Citation (search report)
• [A] DE 8514233 U1 19860227
• [A] EP 0077579 A1 19830427 - GIBA AG GES IND BAUWESEN [CH]
• [A] EP 0050513 A2 19820428 - RILEY KENNETH ALAN [GB], et al
• [AD] EP 0201887 A2 19861120 - HUENNEBECK GMBH [DE]
• [AD] DE 2759966 C2 19860417

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