

Title (en)  
Multi-purpose prefabricated centering

Title (de)  
Vorgefertigte Mehrzweck-Bogenschaablone

Title (fr)  
Cintre préfabriqué multi-usages

Publication  
**EP 1178166 B1 20040818 (EN)**

Application  
**EP 01117320 A 20010718**

Priority  
IT GE20000106 A 20000803

Abstract (en)  
[origin: EP1178166A1] This multi-purpose prefabricated centering consists of a main upright (1) exemplified by a tubular section, the upper end of which is threaded (3') and on which is screwed a threaded body (3) or slider, a secondary upright (4) fitted in the main upright (1) and provided with holes (5) for the coarse height adjustment of the upright (1, 4) by inserting a pin (5') in the external hole of the threaded body (3), whereas precision adjustment is achieved by acting on the slider (3), a head (6, 7) provided with a vertical semicircular plate with transverse holes (8, 9) located on an internal and an external spider, primary arms (10) provided with a hole (13) at their lower end (11) in which to fit a hinge pin (12) inserted in one of the holes (8) of the internal spider and featuring a slot (15) to block the arm by fitting the pin (14) in the hole (9) drilled in the external spider, while the primary arm (10) features at its outer end a threaded body or slider (17) provided with secondary arms (18) sliding in each primary arm (10), bearing a rod (19) at its outer end and provided with a series of holes (20) for coarse adjustment of the total length of the arms (10-18) by means of the pin (20') fitted in the hole (20) of the arm (18) on the outside of the threaded body (17), whereas precision adjustment is achieved by acting on the slider (17), including a plate (21) in flexible deformable material, the inner surface of which features a set of seats (22) in which to lodge the rods (19) of the secondary arms (18), so that all components of the centering can be used for all kinds of vaults and even for multiple-centered vaults and arches and these components may be recovered and re-used in other constructions. <IMAGE>

IPC 1-7  
**E04G 21/18**; **E04G 11/36**

IPC 8 full level  
**E04G 21/18** (2006.01)

CPC (source: EP)  
**E04G 21/1841** (2013.01); **E04G 21/1866** (2013.01)

Cited by  
CN105113608A; CN111807285A; CN110043064A; CN114705172A; GB2423111A; GB2423111B; CN113686155A; WO2012049699A3; WO2010076716A3

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1178166 A1 20020206**; **EP 1178166 B1 20040818**; AT E274118 T1 20040915; DE 60104948 D1 20040923; IT 1314540 B1 20021218; IT GE20000106 A0 20000803; IT GE20000106 A1 20020203

DOCDB simple family (application)  
**EP 01117320 A 20010718**; AT 01117320 T 20010718; DE 60104948 T 20010718; IT GE20000106 A 20000803