

Title (en)
CONNECTION NODE FOR JOINING ADJACENT BUILDING PARTS

Publication
EP 0157124 A3 19860604 (DE)

Application
EP 85101342 A 19850208

Priority
DE 3405282 A 19840215

Abstract (en)
[origin: EP0157124A2] 1. Junction part for the connecting of adjacent components (14; 25), said junction part having at least approximately a spherical shape and, at its poles and the regions between said poles, comprising elements (4, 4', 4'') provided with attachment surfaces for the components (14; 25) as well as openings (3, 3'; 11) penetrating said elements for the accepting of fixing screws (16), characterized in that the junction part is in the form of a one-piece structure (7), in that a multiplicity of strip-shaped sections (8, 9, 10) originates from each of the elements (4, 4') disposed at the two poles of said structure (7) which elements are provided with attachment surfaces, in that, viewed in cross section, said strip-shaped sections (8, 9, 10) are each polygonal in shape and re-unite at the element (e.g. 4') of the opposite pole, said element being provided with an attachment surface, the planes of said strip-shaped sections (8, 9, 10) each forming an angle with one another, and in that openings (30) are provided between the strip-shaped sections (8, 9, 10) in the near-equatorial regions, said openings (30) permitting access to the interior (17) of the structure (7) and to the fixing screws (16) to be provided there.

IPC 1-7
E04B 1/58; **E04B 1/19**

IPC 8 full level
E04B 1/19 (2006.01); **E04B 1/58** (2006.01)

CPC (source: EP)
E04B 1/1906 (2013.01); **E04B 2001/1933** (2013.01); **E04B 2001/196** (2013.01); **E04B 2001/1969** (2013.01)

Citation (search report)
• [Y] DE 2305330 A1 19730816 - ALCALDE CILVETI FRANCISCO JAVI
• [A] EP 0081608 A1 19830622 - PFEIFER SEIL HEBETECH [DE]
• [A] FR 2452628 A1 19801024 - CHATEAU STEPHANE DU
• [AD] DE 841351 C 19520616 - KLAAS CARL DIPL-ING
• [AD] DE 309431 C
• [AD] DE 901955 C 19540614 - MENGERINGHAUSEN MAX
• [Y] SOVIET INVENTIONS ILLUSTRATED, Sektion Mechanik, Woche B20, 20. Juni 1979, Zusammenfassungsnr. E4191, Q43, Derwent Publications Ltd., London, GB; & SU - A - 614 185 (KAZAN ENG. CON. INST.) 01.06.1978

Cited by
DE3909987A1; AT405067B; DE4126991A1; GB2251668A; GB2251668B; CN114319585A; DE202008004823U1; DE102008017449A1

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