

Title (en)
NODAL BAR SYSTEM

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Application
EP 87905422 A 19870822

Priority
DE 3629135 A 19860827

Abstract (en)
[origin: WO8801665A1] The system described is intended for flat and curved supporting structures comprising hollow-section bars (12, 13) and nodal elements (18, 20) composed of hollow elements which can be assembled in a releasable manner with the hollow-section bars (12, 13) by means of screw fasteners (22, 24, 26) and by which an interconnectable and at least partly closed-off pipe network can be produced, whereby said network can be filled with a fluid or gaseous medium by means of a feed and discharge line. The nodal elements (18, 20) have a cup- or ring-shaped configuration and have, on their external surfaces, working and assembly surfaces (30, 32) intended for sealed assembly with the working and connection parts (34, 36) of the hollow sections (12, 13) or the adjacent nodal elements (18, 20). These surfaces (30, 32) each have at least one through-hole (40, 42) for securing screws which have a through-hole (60, 62), preferably axial, connecting the internal nodal space (50, 52) with the inside (54, 56) of the hollow-section bars (12, 13) assembled with the nodal elements (18, 20). The nodal elements (18, 20) are each provided at least with one aperture (64, 66, 68) which can be closed hermetically by means of a cover (70, 72, 74) which is fixed in a removable manner on the nodal body (18, 20).

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