

Title (en)
NODAL BAR SYSTEM

Publication
EP 0313925 B1 19921007 (DE)

Application
EP 88116979 A 19881013

Priority
DE 3736784 A 19871030

Abstract (en)
[origin: EP0313925A1] The nodal bar system with bar-shaped elements (151) which can be connected in an articulated manner to nodal members (153-152) from which they branch off approximately centrally, which system can be unfolded from an inactive, folded-up position (q), in which the elements are arranged close to one another and extend approximately parallel to one another, into working positions (c) and in the process can be stiffened. In the completely unfolded working state (c) of the nodal bar system, the nodal members (153, 153') lie on a common face and define a grid of even-numbered polygons, while in the partially unfolded working position (b) they define two faces extending parallel to one another, such that the nodal members (152, 153) of in each case one polygon lie alternately on one or the other face, and the nodal members lying on a common face are held fixedly by means of a connecting or stiffening member.

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E04B 1/344; **E04B 1/94**

IPC 8 full level
E04B 1/344 (2006.01); **E04B 1/94** (2006.01); **E04B 5/02** (2006.01); **E04B 1/19** (2006.01)

CPC (source: EP)
E04B 1/3441 (2013.01); **E04B 1/945** (2013.01); **E04B 5/023** (2013.01); **E04B 2001/1918** (2013.01); **E04B 2001/1927** (2013.01); **E04B 2001/193** (2013.01); **E04B 2001/1945** (2013.01); **E04B 2001/1963** (2013.01); **E04B 2001/1981** (2013.01); **E04B 2001/1984** (2013.01); **E04B 2001/199** (2013.01); **E04B 2001/949** (2013.01)

Cited by
DE102019003739B3; EP0565629A4; DE102019001130B3; WO2020165264A1; WO2020239604A1; US11820503B2

Designated contracting state (EPC)
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