

Title (en)
POSITIONING ARM FOR POSITIONING AND ASSEMBLING SYSTEMS AND METHOD FOR PRODUCING POSITIONING ARMS

Title (de)
POSITIONIERARM FÜR POSITIONIER- UND BESTÜCKSYSTEME UND VERFAHREN ZUR HERSTELLUNG VON POSITIONIERARMEN

Title (fr)
BRAS DE POSITIONNEMENT POUR SYSTEMES DE POSITIONNEMENT ET D'EQUIPEMENT ET PROCEDE DE PRODUCTION DE BRAS DE POSITIONNEMENT

Publication
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Application
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Priority
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Abstract (en)
[origin: DE19811612C1] Positioning arms (1) for positioning and assembling systems are subjected to high accelerations and must therefore be designed so as to be lightweight but resistant to bending and twisting. Positioning arms (1) which are lightweight although very resistant can be obtained through the use of composite materials made of metallic or ceramic foams and non expanded materials for positioning arms (1) in positioning and assembling systems. Semi-finished products (5) are placed in a non expanded material where linking between the semi-finished product (5) and the material (1) is better than in the metallic or ceramic foam.

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C22C 1/08; **B32B 15/00**; **B32B 5/18**

IPC 8 full level
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CPC (source: EP KR US)
B22D 19/16 (2013.01 - EP US); **B22D 25/005** (2013.01 - EP US); **B22F 7/006** (2013.01 - EP US); **C22C 1/08** (2013.01 - KR); **C22C 21/00** (2013.01 - EP US); **B22F 2999/00** (2013.01 - EP US); **Y10T 428/12479** (2015.01 - EP US); **Y10T 428/12486** (2015.01 - EP US); **Y10T 428/249956** (2015.04 - EP US)

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