

Title (en)
OCCLUSIVE CHEST SEALING VALVE.

Title (de)
DEN BRUSTKORB ABDICHTENDES EINWEGVENTIL.

Title (fr)
VALVE UNIDIRECTIONNELLE D'OCCLUSION THORACIQUE.

Publication
EP 0596889 A1 19940518 (EN)

Application
EP 92908085 A 19920227

Priority
• US 9201483 W 19920227
• US 66277991 A 19910228

Abstract (en)
[origin: WO9215344A1] A one-way valve for use in the emergency closing of an open thoracic wound to prevent inflow of air into the thoracic cavity but permitting one-way outlet flow of air and liquid from the cavity thus preventing pressure build up within the thoracic cavity is provided. A base (10) has a valve housing (20) fixed thereon. The housing (20) is dome shaped with spaced cut out openings (21) which form support struts (20a) around the periphery. A valve element (25) is made of a highly flexible thin material and is generally circular in shape with its center attached to the center of a supporting spider frame (10a) as by a post or rivet (25a).

Abstract (fr)
Valve unidirectionnelle s'utilisant pour l'occlusion d'urgence d'une lésion thoracique ouverte, afin d'empêcher l'air de pénétrer dans la cavité thoracique, mais permettant la sortie unidirectionnelle d'air et de liquide de ladite cavité pour prévenir la création d'une pression à l'intérieur de la cavité thoracique.

IPC 1-7
A61M 1/00; **A61F 13/14**

IPC 8 full level
A61M 1/00 (2006.01); **A61B 17/00** (2006.01); **A61F 13/00** (2006.01); **A61F 13/02** (2006.01)

CPC (source: EP)
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Cited by
US8637725B2; US9295766B2; US8309786B2

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WO 9215344 A1 19920917; AU 1587692 A 19921006; CA 2104966 A1 19920829; EP 0596889 A1 19940518; EP 0596889 A4 19940324

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