

Title (en)
COMPOSITE PART

Title (de)
VERBUNDEIL

Title (fr)
PIÈCE COMPOSITE

Publication
EP 2934886 A1 20151028 (DE)

Application
EP 13821471 A 20131220

Priority
• EP 12198791 A 20121221
• EP 2013077760 W 20131220
• EP 13821471 A 20131220

Abstract (en)
[origin: EP2746046A1] Composite part made of at least a section of at least one polyamide molding composition and at least a section made of elemental rubber, which is to be vulcanized, with sulfur and without bonding agent, is claimed. The polyamide molding composition comprises at least 40% of a mixture of (a) 60-99.9 pts by wt polyamide and (b) 0.1-40 pts by wt polyalkenamer. Independent claims are also included for: (1) sealing liquid mediums or gaseous medium-containing products using at least one composite part; and (2) producing the composite part by at least one molding method of the series of extrusion, molding method, injection compression molding method, transfer pressing method, transfer molding method or injection molding, preferably gas-assisted injection molding, preferably two-component injection molding, where either the section made of polyamide molding composition is applied with rubber containing rubber compound and subjecting to the vulcanization conditions of the rubber or the section made of rubber, which is cross-linked with elemental sulfur, is applied with polyamide molding composition, and the polyamide molding composition comprises up to at least 40 wt.%, preferably at least 70 wt.% mixture of 60-99.9 pts wt., preferably 88-99.5 pts wt polyamide, and 0.1-40 pts wt, preferably 0.5-12 pts wt polyalkenamer preferably, 1,8-trans-polyoctenamer.

IPC 8 full level
B32B 25/08 (2006.01); **B32B 27/34** (2006.01); **C08L 65/00** (2006.01); **C08L 77/00** (2006.01)

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B29C 45/1676 (2013.01 - US); **B32B 25/08** (2013.01 - US); **B32B 27/34** (2013.01 - US); **C08L 7/00** (2013.01 - US); **C08L 9/00** (2013.01 - US); **C08L 9/06** (2013.01 - US); **C08L 23/16** (2013.01 - US); **C08L 45/00** (2013.01 - US); **C08L 77/02** (2013.01 - EP US); **C08L 77/06** (2013.01 - EP US); **C09J 107/00** (2013.01 - US); **C09J 109/00** (2013.01 - US); **C09J 109/06** (2013.01 - US); **C09J 123/16** (2013.01 - US); **C09J 145/00** (2013.01 - US); **C09J 177/06** (2013.01 - US); **B29K 2007/00** (2013.01 - US); **B29K 2009/06** (2013.01 - US); **B29K 2023/16** (2013.01 - US); **B29K 2077/00** (2013.01 - US); **C08G 2261/418** (2013.01 - EP US); **C08L 65/00** (2013.01 - EP US)

C-Set (source: EP US)
1. **C08L 77/02** + **C08L 65/00**
2. **C08L 77/06** + **C08L 65/00**

Cited by
CN109824948A

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BA ME

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