

Title (en)
Foil element

Title (de)
Folienelement

Title (fr)
Élément en forme de feuille

Publication
EP 1453027 B1 20130911 (DE)

Application
EP 04100472 A 20040209

Priority
DE 10307250 A 20030220

Abstract (en)
[origin: EP1453027A2] Foil element for absorbing tensile forces (F) comprises in at least one region at risk of tearing under loading at least one weakened zone (6a) reducing local tension peaks under loading and extending in the contact direction of the tensile forces. The weakened zone is defined on both sides by non-weakened material (7) in at least one direction perpendicular to the contact direction of the tensile forces. Preferred Features: The foil element has at least two foil layers at least partly glued, welded or sealed together. At least one weakened zone is a slit passing through only one foil layer.

IPC 8 full level
B65D 23/00 (2006.01); **G09F 3/02** (2006.01); **G09F 3/00** (2006.01)

CPC (source: EP US)
B65D 23/005 (2013.01 - EP US); **G09F 3/02** (2013.01 - EP US); **G09F 2003/027** (2013.01 - EP US); **Y10T 428/14** (2015.01 - EP US); **Y10T 428/15** (2015.01 - EP US); **Y10T 428/24314** (2015.01 - EP US); **Y10T 428/24826** (2015.01 - EP US)

Cited by
DE102014218117A1; EP1686555A1; WO2022233593A1; WO2006081904A3

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