

Title (en)

Bag with bag lining designed to dissolve in wet conditions and use of the bag as a cement bag

Title (de)

Sack mit einer zur Auflösung in feuchter Umgebung ausgelegten Sackwandung und Verwendung des Sackes als Zementsack

Title (fr)

Sac avec une paroi pour la dissolution en milieu humide et utilisation du sac comme sac de ciment

Publication

EP 2399836 B1 20120711 (DE)

Application

EP 11005159 A 20110624

Priority

DE 102010026241 A 20100628

Abstract (en)

[origin: EP2399836A1] The sack has a single-layer or multi-layer sack wall (2) bonded to form a hose (1). A bottom (4) is filled with a filling material through a filler of a sack-filling machine and comprises a valve opening (13). The sack wall is designed to dissolve in a moist environment under release of the filling material. Bonding of the bottom is performed using a dextrin adhesive. The dextrin adhesive is provided as maltodextrin with a dextrose equivalent of between 4.5 and 8.5. The valve opening is formed without a folded valve sheet.

IPC 8 full level

B65D 30/26 (2006.01)

CPC (source: EP US)

B65D 31/142 (2013.01 - EP US); **B65D 65/46** (2013.01 - EP US); **E04C 5/076** (2013.01 - EP US)

Cited by

WO2023173148A1; US2016348319A1; EP2963178A1; AT525239A4; AT525239B1; US11700889B2; WO2015035434A1; US10458070B2; WO2016001028A1

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EP 2399836 A1 20111228; **EP 2399836 B1 20120711**; DE 102010026241 A1 20111229; DK 2399836 T3 20121015; ES 2391168 T3 20121122; HR P20120805 T1 20121130; MX 2011006990 A 20120102; PL 2399836 T3 20130228; RS 52466 B 20130228; RU 2011126435 A 20130110; RU 2561021 C2 20150820; SI 2399836 T1 20121231; UA 104162 C2 20140110; US 2011315272 A1 20111229; US 2012199243 A2 20120809; US 8851752 B2 20141007

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