

Title (en)
Water-soluble, liquid-containing pouch

Title (de)
Flüssigkeitsgefüllter wasserlöslicher Beutel

Title (fr)
Sachet contenant du liquide, soluble dans l'eau

Publication
EP 1854869 B2 20141203 (EN)

Application
EP 06113694 A 20060509

Priority
EP 06113694 A 20060509

Abstract (en)
[origin: EP1854869A1] A water-soluble pouch containing a liquid composition wherein the water-soluble pouch is made from a film comprising a co-polymer of vinyl alcohol and a carboxylic acid, wherein the liquid composition contained within said pouch comprises at least one dissolved ionic component selected from the group consisting of carboxylates, phosphonates, and mixtures thereof, and from 5% to 15 % by weight of the liquid composition of water, and wherein said pouch is processed using a vacuum formed, horizontal form-fill-seal process.

IPC 8 full level
C11D 17/04 (2006.01); **C11D 3/20** (2006.01); **C11D 3/36** (2006.01)

CPC (source: EP)
C11D 3/2082 (2013.01); **C11D 3/2086** (2013.01); **C11D 3/361** (2013.01); **C11D 17/043** (2013.01)

Citation (opposition)
Opponent :

- WO 02094975 A1 20021128 - PROCTER & GAMBLE [US]
- WO 02074893 A1 20020926 - PROCTER & GAMBLE [US]
- WO 0212432 A1 20020214 - PROCTER & GAMBLE [US]
- WO 2006088980 A1 20060824 - PROCTER & GAMBLE [US], et al
- WO 03089563 A2 20031030 - COLGATE PALMOLIVE CO [US]
- WO 2004085586 A2 20041007 - PROCTER & GAMBLE [US], et al

Cited by
CN105209590A; EP3279302A1; US9546343B2; WO2013113635A1; WO2014176392A1; WO2018026686A1; EP2989193B1; EP2031049B1

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