

Title (en)

PVP COPOLYMER FOR HARSH CHEMICAL PACKAGING

Title (de)

PVP-COPOLYMER ZUR VERPACKUNG AGGRESSIVER CHEMIKALIEN

Title (fr)

COPOLYMÈRE DE PVP POUR L'EMBALLAGE D'UN PRODUIT CHIMIQUE AGRESSIF

Publication

EP 3891213 A1 20211013 (EN)

Application

EP 19835334 A 20191203

Priority

- US 201816208298 A 20181203
- US 2019064199 W 20191203

Abstract (en)

[origin: WO2020117777A1] A water soluble film useful in unit-dose chemical packaging is disclosed. The film may include: a water soluble saccharide and a polyvinyl alcohol copolymer consisting essentially of: (a) from 80 to 99 mole percent of vinyl alcohol and vinyl ester monomer; and (b) from 1 to 20 mole percent of a pyrrolidone comonomer. Such compositions may be used to provide a water-soluble film simultaneously satisfying requirements in regard to water solubility, biodegradability, and physical properties, even when used for packaging a broad range of harsh, oxidizing chemicals.

IPC 8 full level

C08J 5/18 (2006.01); **B65D 65/46** (2006.01); **C08F 216/06** (2006.01); **C08K 5/053** (2006.01); **C08K 5/1535** (2006.01)

CPC (source: EP)

B65D 65/46 (2013.01); **C08F 216/06** (2013.01); **C08J 5/18** (2013.01); **C08J 2329/04** (2013.01); **C08K 5/053** (2013.01); **C08K 5/06** (2013.01); **Y02W 90/10** (2015.05)

C-Set (source: EP)

1. **C08F 216/06 + C08F 218/08 + C08F 226/10**
2. **C08K 5/053 + C08L 29/04**
3. **C08K 5/06 + C08L 29/04**

Citation (search report)

See references of WO 2020117777A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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