

Title (en)
GABLE-TOP CARTON COMPRISING AN EMBOSSED PATTERN

Title (de)
GIEBELBEHÄLTER MIT EINEM PRÄGEMUSTER

Title (fr)
CARTON À PIGNON COMPRENANT UN MOTIF GAUFRE

Publication
EP 3865414 A1 20210818 (EN)

Application
EP 21154584 A 20210201

Priority
US 202016791967 A 20200214

Abstract (en)
The present application concerns gable-top cartons for packaging liquid food comprising an embossed pattern (346) along the the top. Embossing the top opening of cartons may reduce the force required to open the carton in both vertical and horizontal direction and minimize the amount of fibers remaining in the pouring spout after the carton has been opened.

IPC 8 full level
B65D 5/06 (2006.01)

CPC (source: EP US)
B65D 5/068 (2013.01 - EP); **B65D 5/40** (2013.01 - US); **B65D 5/701** (2013.01 - US); **B65D 5/4266** (2013.01 - US); **B65D 5/563** (2013.01 - US)

Citation (applicant)
• US 4712727 A 19871215 - WYBERG GREGORY R [US]
• EP 0546383 A1 19930616 - TETRA ALFA HOLDINGS [CH]
• US 4744467 A 19880517 - JOENSSON BENGT [AU], et al

Citation (search report)
• [XI] DE 3446323 A1 19860626 - TETRA PAK INT [SE]
• [A] JP H08324563 A 19961210 - DAINIPPON PRINTING CO LTD

Cited by
NO20211260A1; WO2023067032A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3865414 A1 20210818; US 2021253298 A1 20210819; WO 2021160456 A1 20210819

DOCDB simple family (application)
EP 21154584 A 20210201; EP 2021052310 W 20210201; US 202016791967 A 20200214