

Title (en)
Packaging method and apparatus

Title (de)
Verpackungsverfahren und -vorrichtung

Title (fr)
Procédé et appareil d'emballage

Publication
EP 1905693 A1 20080402 (EN)

Application
EP 07018948 A 20070926

Priority
JP 2006263484 A 20060927

Abstract (en)
The method of packaging an article (12) by folding a sheet-shaped packaging material (14) includes: a determining step of determining a size of the packaging material (14) and a packaging pattern of the packaging material (14) in accordance with information about the article (12); a packaging material supplying step of performing at least one of selecting and cutting operations on the packaging material (14) so as to match the size determined in the determining step, and then supplying the packaging material (14); a packaging material working step of forming a score line (L1, L2) on the packaging material (14) supplied in the packaging material supplying step in accordance with the packaging pattern determined in the determining step; and a packaging body forming step of conveying and placing the article (12) onto a predetermined position of the packaging material (14) on which the score line (L1, L2) has been formed in the packaging material working step, and then folding the packaging material (14) along the score line (L1, L2) to form a box-shaped packaging body (22).

IPC 8 full level
B65B 11/10 (2006.01); **B65B 43/10** (2006.01); **B65B 59/00** (2006.01)

CPC (source: EP US)
B65B 5/024 (2013.01 - EP US); **B65B 25/14** (2013.01 - EP US); **B65B 61/02** (2013.01 - EP US)

Citation (applicant)
• JP S5412996 A 19790131 - FUJI PHOTO FILM CO LTD
• US 2353419 A 19440711 - SMITHSON EUGENE S
• US 6170231 B1 20010109 - DETTERMAN DONALD E [US]

Citation (search report)
• [XY] US 2353419 A 19440711 - SMITHSON EUGENE S
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• [X] DE 2400441 A1 19750710 - SCHAEFER WERKE KG
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• [A] US 1058165 A 19130408 - ERICKSON JOHN B [US]
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• [A] EP 0603113 A1 19940622 - BRIEGER VERPACKUNGEN AG [CH]

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WO2013041240A1; WO2021185866A1

Designated contracting state (EPC)
DE

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1905693 A1 20080402; **EP 1905693 B1 20110921**; CN 101152908 A 20080402; JP 2008081164 A 20080410; JP 4805778 B2 20111102; US 2008073235 A1 20080327

DOCDB simple family (application)
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