

Title (en)
SEAMLESS SOFT CAPSULE

Publication
EP 0228067 A3 19880601 (EN)

Application
EP 86117918 A 19861223

Priority
JP 29718285 A 19851226

Abstract (en)
[origin: EP0228067A2] A soft capsule composed of a plurality of cells coalesced to each other and filling substances encapsulated in the individual cells, the wall of at least one of the cells being formed of a material different from a material forming the wall of at least one of the other cells, and said capsule being seamless. The soft capsule can be produced by (a) preparing a plurality of composite jet streams each consisting of a stream of a film-forming liquid substance for forming a cell wall and within said stream of a film-forming liquid substance a single stream, or a plurality of independent streams, of a filling substance having flowability, the film-forming liquid substance in at least one of the composite jet streams being different from the film-forming liquid substance in at least one of the other composite jet streams, (b) advancing the plurality of composite jet streams in closely spaced relationship into and through a stream of a liquid medium substantially incapable of dissolving the film-forming liquid substance in the flowing direction of the liquid medium stream, (c) coalescing the adjacent composite jet streams to each other to form a single composite jet stream in the liquid medium stream, (d) cutting the single composite jet stream to a predetermined length successively from its leading end in the liquid medium stream, and (e) solidifying the cell walls of the resulting soft capsule.

IPC 1-7
A61J 3/07

IPC 8 full level
A61K 9/48 (2006.01); **A61J 3/07** (2006.01); **B01J 13/02** (2006.01); **B01J 13/14** (2006.01)

CPC (source: EP)
A61J 3/07 (2013.01)

Citation (search report)
• [X] EP 0116311 A1 19840822 - MORISHITA JINTAN CO [JP], et al
• [AP] PATENT ABSTRACTS OF JAPAN, Band 10, Nr. 350 (C-387)[2406], 26th November 1985; & JP-A-61 151 119 (TAISHO PHARMACEUT CO. LTD.) 09-07-1986
• [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 254 (C-308)[1977], 11th October 1985; & JP-A-60 109 520 (FUJISAWA YAKUHHIN KOGYO) 15-06-1985

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