

Title (en)
Deep draw packaging machine with hoisting gear powered by an electric motor

Title (de)
Tiefziehverpackungsmaschine mit elektromotorischem Hubwerk

Title (fr)
Machine d'emballage par emboutissage avec dispositif de levage électromotorisé

Publication
EP 2746167 B1 20150722 (DE)

Application
EP 12008459 A 20121219

Priority
EP 12008459 A 20121219

Abstract (en)
[origin: EP2746167A1] The machine (1) has an electromotive lifting gear (30) for lifting a forming station (2), a sealing station (3) and a cutting station (4) and comprising two carriages that are mounted in vertical guides, and a tool connected to the carriages. A collision region of the tool is defined by lifting motion of the tool between lower position and upper position. Two lifting spindles i.e. thread rolling spindles, are arranged parallel to the vertical guides and outside the collision region of the tool. A lifting rail is provided by which the tool is connected to the carriages.

IPC 8 full level
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CPC (source: EP US)
B21D 51/18 (2013.01 - US); **B65B 7/164** (2013.01 - EP US); **B65B 31/021** (2013.01 - EP US); **B65B 31/028** (2013.01 - EP US); **B65B 65/02** (2013.01 - EP US); **B65B 47/00** (2013.01 - EP US); **B65B 61/06** (2013.01 - EP US); **B65B 61/065** (2013.01 - EP US)

Cited by
WO2021254877A1; US10766655B2; EP3109017B1; EP2800699B1

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