

Title (en)

Cutting unit for roll-fed labelling machines

Title (de)

Schneideinheit für Rollfed-Etikettiermaschinen

Title (fr)

Unité de coupe pour machines d'étiquetage à bobines

Publication

EP 2610190 A1 20130703 (EN)

Application

EP 12199785 A 20121228

Priority

IT TO20111237 A 20111229

Abstract (en)

There is described a unit (100) for cutting a web of labelling material, comprising: a rotary blade drum (102); a stationary blade group (105); a blow block (108) for directing a flow of air towards the labelling material web being transferred onto a vacuum drum (8); a support structure (116) for supporting the stationary blade group (105) and the blow block (108) in operative coupling with the rotary blade drum (102); the rotation axis (H) of the rotary blade drum (102) identifying, with the rotation axis of the vacuum drum (8), a symmetry plane (S); the support structure (116) defining two seats (117a, 117b), arranged symmetrically to the symmetry plane (S) and adapted to receive either of the stationary blade group (105) and the blow block (106), so that the cutting unit (100) can be assembled in either right-hand or left-hand configuration.

IPC 8 full level

B65C 9/18 (2006.01); **B26D 1/38** (2006.01); **B26D 7/18** (2006.01); **B26F 3/00** (2006.01)

CPC (source: EP)

B26D 1/385 (2013.01); **B26D 7/1854** (2013.01); **B65C 9/1819** (2013.01); **B65C 2009/1861** (2013.01)

Citation (search report)

- [A] EP 0025332 A1 19810318 - B & J MFG CO [US]
- [A] US 4108711 A 19780822 - HOFFMANN WOLFGANG
- [A] GB 2088819 A 19820616 - SUN CHEMICAL CORP

Cited by

CN109222188A; CN113561269A; US9902083B2; EP3263470B1

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 2610190 A1 20130703; **EP 2610190 B1 20150826**; IT TO20111237 A1 20130630

DOCDB simple family (application)

EP 12199785 A 20121228; IT TO20111237 A 20111229