

Title (en)
Intermediate buffer

Title (de)
Zwischenspeicher

Title (fr)
Tampon intermédiaire

Publication
EP 1431219 A3 20050420 (DE)

Application
EP 03026301 A 20031115

Priority
DE 20219876 U 20021221

Abstract (en)
[origin: EP1431219A2] The buffer (1) contains a storage region in which the strip is at least temporarily stored in the form of a continuous strip with loose layers arranged one above the other. The strip is present in a roll and used to supply sleeve, paper, roll-feed or pressure-sensitive adhesive tape labels to a labelling machine.

IPC 1-7
B65H 20/30

IPC 8 full level
B65H 20/30 (2006.01)

CPC (source: EP)
B65H 20/30 (2013.01); **B65H 2701/192** (2013.01)

Citation (search report)
• [XY] DE 4103000 A1 19920806 - DEUTSCHE VERPACKUNGSMASCH [DE]
• [Y] US 4278489 A 19810714 - HORSLEY JOHN K
• [Y] US 4696310 A 19870929 - GRAHAM-TROLL DENNIS [GB]
• [Y] DE 4444746 A1 19950629 - BOEHL GMBH H [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 20219876 U1 20030710; DE 50310191 D1 20080904; EP 1431219 A2 20040623; EP 1431219 A3 20050420; EP 1431219 B1 20080723

DOCDB simple family (application)
DE 20219876 U 20021221; DE 50310191 T 20031115; EP 03026301 A 20031115