

Title (en)

Method for packaging compressed paper rolls wound on cores

Title (de)

Verfahren zum Verpacken von komprimierten, auf Kernen aufgerollten, Papierrollen

Title (fr)

Procédé pour emballer des rouleaux de papier comprimés enroulés sur des mandrins

Publication

EP 0899196 A1 19990303 (EN)

Application

EP 98119846 A 19940921

Priority

- EP 94202715 A 19940921
- IT TO940562 A 19940708

Abstract (en)

Method for packing or packaging together rolls of paper that are wound on a core and compressed. The apparatus comprises a device (32) for carrying out a first continuous and progressive compression of each roll (1-5), and a second compressing device (36) receiving layers of compressed rolls and wherein a bundle is formed, which device subsequently carries out a further compression either of the whole bundle of rolls, or of a layer thereof at a time. <IMAGE>

IPC 1-7

B65B 25/14

IPC 8 full level

B65B 25/14 (2006.01); **B65B 63/02** (2006.01)

CPC (source: EP)

B65B 25/146 (2013.01); **B65B 63/026** (2013.01)

Citation (applicant)

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- EP 0392581 A1 19901017 - PROCTER & GAMBLE [US]
- IT 1177749 B 19870826 - KOUZOU WATANABE [JP]
- US 4679379 A 19870714 - CASSOLI PAOLO [IT]
- US 5195300 A 19930323 - KOVACS LLOYD [US], et al

Citation (search report)

- [DA] US 5195300 A 19930323 - KOVACS LLOYD [US], et al
- [A] US 4679379 A 19870714 - CASSOLI PAOLO [IT]
- [A] FR 1370450 A 19640821 - INTERNAT MACHINERY CORP N V

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EP 0691274 A1 19960110; EP 0691274 B1 19990623; AT E181541 T1 19990715; AT E199523 T1 20010315; DE 691274 T1 19961107; DE 69419247 D1 19990729; DE 69426840 D1 20010412; EP 0899196 A1 19990303; EP 0899196 B1 20010307; ES 2091165 T1 19961101; ES 2091165 T3 19991001; ES 2134183 T1 19991001; ES 2134183 T3 20010801; GR 960300023 T1 19960531; IT 1266161 B1 19961223; IT TO940562 A0 19940708; IT TO940562 A1 19960108; PT 899196 E 20010830

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