

Title (en)  
CARTON LOADING MECHANISM

Title (de)  
SCHACHTELBELADEMECHANISMUS

Title (fr)  
MECANISME DE CHARGEMENT DE CARTONS

Publication  
**EP 1015317 B1 20020619 (EN)**

Application  
**EP 98947172 A 19980921**

Priority  
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Abstract (en)  
[origin: WO9914123A1] An apparatus and method for continuously loading different types of cartons with articles delivered to the apparatus from an infeed stream of a packaging machine. The apparatus (50) comprises conveying means sequentially to deliver successive cartons (10) from a supply and to load said carton by lowering said carton onto at least one article. The conveying means comprises a plurality of carton engaging means (64) mounted to respective ones of a pair of endless chains (52, 54), wherein the carton is held between synchronised carton engaging means to maintain the carton in a set up condition as it is moved downstream. Adjustment means is provided to adjust one of said pair of endless chains relative to the other said endless chain to receive a different carton type.

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**WO 9914123 A1 19990325**; AT E219439 T1 20020715; AU 748924 B2 20020613; AU 9401298 A 19990405; CA 2303914 A1 19990325; CA 2303914 C 20060124; CN 1103715 C 20030326; CN 1278771 A 20010103; DE 69806169 D1 20020725; DE 69806169 T2 20030116; DK 1015317 T3 20020923; EP 1015317 A1 20000705; EP 1015317 B1 20020619; ES 2178846 T3 20030101; GB 9719950 D0 19971119; HK 1029777 A1 20010412; HU 224047 B1 20050530; HU P0100209 A2 20010528; HU P0100209 A3 20010828; IL 135144 A0 20010520; JP 2001516679 A 20011002; KR 100666804 B1 20070109; KR 20010024182 A 20010326; PL 188620 B1 20050331; PL 339411 A1 20001218; PT 1015317 E 20021031; ZA 988596 B 19990323

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