

Title (en)
CONVEYOR BELT CLEANER SYSTEM AND METHOD OF MANUFACTURING SAME

Title (de)
REINIGUNGSSYSTEM FÜR FÖRDERBAND UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
SYSTEME DE NETTOYAGE DE COURROIE TRANSPORTEUSE ET PROCEDE DE FABRICATION ASSOCIE

Publication
EP 1824765 A4 20090304 (EN)

Application
EP 05852115 A 20051123

Priority

- US 2005042586 W 20051123
- US 99695704 A 20041124
- US 7882405 A 20050311

Abstract (en)
[origin: WO2006058146A2] A conveyor belt cleaner system and method of manufacturing the same comprising a common component support frame, and key components of: a mounting bar, blade support and scraper blade wherein the scraper blade is removably secured within a reusable blade support so as to allow replacement of the scraper blade. Key components are manufactured at a first manufacturing location in long, standardized lengths and incorporated with the common component at a second location for assembly. The key components included standardized guide markings for cutting the key components into segments and aligning key components with one another. A plurality of apertures consisting of holes and slots are uniformly displaced along the key components to facilitate alignment of the components during assembly and securing of the components with fixing elements. The key components can be pre-cut and sold and shipped for point-of-sale display and sale in kit form together with corresponding tensioners.

IPC 8 full level
B65G 45/16 (2006.01)

CPC (source: EP)
B65G 45/16 (2013.01)

Citation (search report)

- [A] US 6360875 B1 20020326 - ALTEMUS JR WILLIAM H [US], et al
- [A] US 6354428 B1 20020312 - GIBBS A TODD [US], et al
- [X] DE 10301230 A1 20040805 - JOSTES HANS [DE]
- [X] EP 0891934 A1 19990120 - NIHON TSUSHO KK [JP]
- [PA] WO 2005054094 A1 20050616 - TECHNO TRACK AS [NO], et al
- See references of WO 2006058146A2

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

DOCDB simple family (publication)
WO 2006058146 A2 20060601; WO 2006058146 A3 20061130; AU 2005309592 A1 20060601; EP 1824765 A2 20070829; EP 1824765 A4 20090304

DOCDB simple family (application)
US 2005042586 W 20051123; AU 2005309592 A 20051123; EP 05852115 A 20051123