Title (en)
   CONNECTING SYSTEM

Title (de)
   VERBINDUNGSSYSTEM

Title (fr)
   SYSTEME DE LIAISON

Publication
   EP 1858793 B1 20090708 (DE)

Application
   EP 06723291 A 20060308

Priority
   • EP 2006002137 W 20060308
   • DE 102005010708 A 20050309

Abstract (en)
   [origin: US2008135676A1] Connector system for detachably connecting rotationally symmetrical parts, particularly parts of a spool for winding a skein-shaped product, with ring surfaces (22, 24) at the facing front surfaces of the parts to be connected, with locking projections (26, 28, 30, 32, 34) extending from at least one of the ring surfaces (22, 24) in the direction of the other ring surface, and with detent recesses (40, 42, 44, 46) in the ring surface or both other ring surfaces, respectively, for receiving the locking projections to connect the parts in the manner of a bayonet catch by mutual rotation, and spring-loaded tongues (52, 54) are provided in alignment with the respective detent recesses (40, 42, 44, 46), which engage behind the locking projections (26, 28, 30, 32, 34) in the locked position and prevent the connected parts from untwisting into the detached position.

IPC 8 full level
   B65H 75/22 (2006.01)

CPC (source: EP US)
   B65H 75/14 (2013.01 - EP US); **B65H 75/2227** (2021.05 - EP US); **B65H 75/2272** (2021.05 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
   US 2008135676 A1 20080612; **US 7614582 B2 20091110**; AT E435831 T1 20090715; CN 101137564 A 20080305; CN 101137564 B 20101208; DE 102005010708 A1 20060914; DE 102005010708 B4 20070315; DE 502006004179 D1 20090820; EP 1858793 A1 20071128; EP 1858793 B1 20090708; RU 2007137117 A 20090420; RU 2397938 C2 20100827; WO 2006094789 A1 20060914

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