

Title (en)
Hose pump and application system comprising same

Title (de)
Schlauchpumpe und Applikationssystem mit einer solchen

Title (fr)
Pompe tubulaire et système d'application l'intégrant

Publication
EP 2735739 A3 20180404 (DE)

Application
EP 13005079 A 20131024

Priority
DE 102012022836 A 20121123

Abstract (en)
[origin: EP2735739A2] The peristaltic pump (46) has pump drive (34,36) that is cyclically moved along pump hose (12). A synchronization system (48) for synchronizing movements and/or positions of crimp (24) is provided in pump tube, such that active pump drive is concluded between the crimp and pig (40) to any position in a collision point (78). The movement of crimp with an active pump drive can be delayed or accelerated, before the crimp enters to collision point. The movement of pig with active pump drive can be delayed or accelerated before the pig enters the collision point. An independent claim is included for an application system for coating objects.

IPC 8 full level
F04B 43/12 (2006.01); **B05C 17/03** (2006.01); **B08B 9/053** (2006.01); **F04B 49/06** (2006.01)

CPC (source: EP)
B05B 9/042 (2013.01); **B08B 9/0551** (2013.01); **F04B 43/12** (2013.01); **F04B 43/1253** (2013.01); **F04B 43/1261** (2013.01); **F04B 49/065** (2013.01)

Citation (search report)
• [XAI] DE 102008040082 A1 20100114 - BOSCH GMBH ROBERT [DE]
• [A] DE 4227357 A1 19940224 - HEIDOLPH ELEKTRO GMBH & CO KG [DE]

Cited by
CN112536175A; WO2021204748A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2735739 A2 20140528; EP 2735739 A3 20180404; EP 2735739 B1 20201202; DE 102012022836 B3 20140522

DOCDB simple family (application)
EP 13005079 A 20131024; DE 102012022836 A 20121123