

Title (en)
APPARATUS AND METHODS FOR REEL HANDLING

Title (de)
VORRICHTUNG UND VERFAHREN ZUR SPULENHANDHABUNG

Title (fr)
APPAREIL ET PROCÉDÉS POUR MANIPULATION DE ROULEAUX

Publication
EP 3814258 A1 20210505 (EN)

Application
EP 19735466 A 20190619

Priority
• US 201862690819 P 20180627
• US 2019037924 W 20190619

Abstract (en)
[origin: WO2020005664A1] A multi-function reel change tool (10) is provided for use with a robotic arm (20), such as a collaborative robotic arm, for changing film rolls on packaging equipment. The tool includes a first part (18) capable of acquiring, cradling, transporting and depositing a partially full or full reel of material by contacting an outer periphery of the reel and a second part (22) capable of acquiring, cradling, transporting and depositing the core of a spent or partially spent reel of material by contacting the outer periphery of the core of the spent reel or material or the outer periphery of the material remaining on a partially spent reel. Preferably, but not necessarily, the tool has no independently moveable components.

IPC 8 full level
B65H 19/12 (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2020005664A1

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