

Title (en)
COLLECTING CONVEYOR

Title (de)
SAMMELFÖRDERER

Title (fr)
TRANSPORTEUR ACCUMULATEUR

Publication
EP 2170743 A1 20100407 (DE)

Application
EP 08784230 A 20080616

Priority
• DE 2008001025 W 20080616
• DE 102007031907 A 20070709

Abstract (en)
[origin: WO2009006866A1] A method and device for collecting bodies, which are delivered in an irregular sequence, on a collecting belt, with the following features: a) the bodies which are delivered are moved more rapidly than predetermined by the running speed of the collecting belt (7), b) a pimpled belt (8) having ridges (12) is located in the end region of the collecting belt (7) and can be raised over the upper edge of the collecting belt (7) by means of a lifting device (5), c) the pimpled belt (8) is raised and accelerated as a function of being completely covered with bodies, and also a control program for carrying out the method.

IPC 8 full level
B65G 15/42 (2006.01); **B26D 7/06** (2006.01); **B65G 47/26** (2006.01); **B65G 47/52** (2006.01); **B65H 29/16** (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP US)
B26D 7/0625 (2013.01 - EP US); **B65G 15/42** (2013.01 - EP US); **B65G 47/082** (2013.01 - EP US); **B65G 47/31** (2013.01 - EP US)

Citation (search report)
See references of WO 2009006866A1

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Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009006866 A1 20090115; DE 102007031907 A1 20090122; DE 112008002477 A5 20100617; EA 018923 B1 20131129; EA 201070044 A1 20100630; EP 2170743 A1 20100407; JP 2010532737 A 20101014; JP 5351153 B2 20131127; KR 101126880 B1 20120320; KR 20100032446 A 20100325; US 2010187069 A1 20100729; US 8496102 B2 20130730

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