

Title (en)
DEVICE FOR HANDLING DIAPERS

Title (de)
EINRICHTUNG ZUM HANDHABEN VON WINDELN

Title (fr)
DISPOSITIF DE MANUTENTION DE COUCHES

Publication
EP 2132116 A2 20091216 (DE)

Application
EP 08701154 A 20080118

Priority
• EP 2008000374 W 20080118
• DE 102007010990 A 20070305

Abstract (en)
[origin: WO2008107040A2] A powerful throughput magazine of the 'first in first out' type is activated for the handling of diapers (10) or similar objects during the transport from a converter (13) to a packer (14), the diapers being transported as diaper groups (19) through said magazine. The magazine (15) comprises of an endless magazine conveyor (18) having transversely directed bars (20), wherein one diaper group (19) each is disposed between adjacent bars on the magazine conveyor (18) in an upright position. After removing the diapers (10) from the magazine (15), the diaper groups (19) are separated again, and the diapers are individually fed to the packer (14).

IPC 8 full level
B65G 47/51 (2006.01); **B65B 5/06** (2006.01)

CPC (source: EP US)
B65G 47/5122 (2013.01 - EP US); **B65H 29/40** (2013.01 - EP)

Citation (search report)
See references of WO 2008107040A2

Citation (examination)
• WO 03040004 A1 20030515 - GD SPA [IT], et al
• EP 1445218 A1 20040811 - HAUNI MASCHINENBAU AG [DE]
• US 5611418 A 19970318 - HELMSTETTER THOMAS J [US]
• EP 0551613 A1 19930721 - OSTMA MASCHINENBAU GMBH [DE]
• US 6021886 A 20000208 - REMERICQ MAURICE [FR]
• EP 0451398 A1 19911016 - LANGEN H J & SONS INC [CA]

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

DOCDB simple family (publication)
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DOCDB simple family (application)
DE 102007010990 A 20070305; EP 08701154 A 20080118; EP 2008000374 W 20080118; US 52941508 A 20080118