

Title (en)
CHAIN CONVEYOR FOR THE DELIVERY SYSTEM OF PRINTING MACHINES

Publication
EP 0189828 A3 19880427 (DE)

Application
EP 86100746 A 19860121

Priority
DE 3502663 A 19850126

Abstract (en)
[origin: US4693362A] A chain conveyor for the delivery device of printing presses has gripper systems (1) being carrier directly by the endless conveying chains (2). The gripper system (1) is embodied by a unitary aluminum basic member (6). A steel tube (9) is cast into the basic member (6) at its center of gravity and over its whole length and optimizes the flexural and torsional rigidity of the gripper system (1).

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B65H 29/04

IPC 8 full level
B65H 29/04 (2006.01)

CPC (source: EP US)
B65H 29/041 (2013.01 - EP US); **B65H 29/045** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US)

Citation (search report)
• [AD] DE 2424917 A1 19751127 - ROLAND OFFSETMASCHF
• [A] US 4111123 A 19780905 - WILLEITNER EBERHARD
• [A] US 4155305 A 19790522 - HEISLER HERBERT [DE], et al

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DE19527439A1; DE19527439C2; EP0669210A1; US5611280A

Designated contracting state (EPC)
AT CH FR GB IT LI NL SE

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US 4693362 A 19870915; AT E53816 T1 19900615; BR 8600481 A 19861021; DE 3502663 C1 19860605; EP 0189828 A2 19860806; EP 0189828 A3 19880427; EP 0189828 B1 19900502; JP H0735215 B2 19950419; JP S61174059 A 19860805

DOCDB simple family (application)
US 82202186 A 19860124; AT 86100746 T 19860121; BR 8600481 A 19860124; DE 3502663 A 19850126; EP 86100746 A 19860121; JP 1397186 A 19860127