

Title (en)

FILM TRANSPORT DEVICE FOR A PACKAGING MACHINE

Title (de)

FOLIENTRANSPORTEINRICHTUNG FÜR EINE VERPACKUNGSMASCHINE

Title (fr)

DISPOSITIF DE TRANSPORT DE FEUILLE POUR UNE MACHINE D'EMBALLAGE

Publication

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Application

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Priority

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IPC 8 full level

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CPC (source: EP US)

B65B 11/54 (2013.01 - EP); **B65B 41/12** (2013.01 - EP); **B65B 49/00** (2013.01 - EP US); **B65B 51/10** (2013.01 - EP); **B65B 59/003** (2019.04 - EP US); **B65H 20/06** (2013.01 - EP); **B65B 2051/105** (2013.01 - EP); **B65C 1/00** (2013.01 - EP); **B65H 2301/5111** (2013.01 - EP); **B65H 2404/252** (2013.01 - EP); **B65H 2404/255** (2013.01 - EP); **B65H 2404/261** (2013.01 - EP); **B65H 2701/1752** (2013.01 - EP); **B65H 2801/81** (2013.01 - EP)

Citation (opposition)

Opponent :

- JP 2004250129 A 20040909 - TOKYO AUTOMATIC MACH WORKS
- EP 0223215 A1 19870527 - PITTACUS SA [LI]
- US 4498894 A 19850212 - KUCKHERMANN GUSTAV [DE]
- US 2006107622 A1 20060525 - JAMES FRANK A [US], et al
- EP 0044820 A1 19820127 - PITTACUS AG [LI]
- US 6152345 A 20001128 - GRIFFIN WAYNE C [US], et al
- EP 1136411 B1 20060830 - GOSS INT AMERICAS INC [US]

Cited by

EP3659933A1; EP3611100A1; EP3587289A1; EP3587283A1; CN108557144A; CN109335784A; US10935446B2; US10996122B2; US10773848B2; EP3613676A1; US11124325B2; US10703578B2; EP3783300A1; EP3783301A1; US10737895B2; US10781006B2; EP3783302A1; US10906675B2

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