

Title (en)
Carriage arrangement for heavy wings slideable in a parallel plane

Title (de)
Laufwagenanordnung für schwere Abstellschiebeflügel

Title (fr)
Agencement de chariots pour vanteaux lourds déplaçables selon un plan parallèle

Publication
EP 1645707 A1 20060412 (DE)

Application
EP 04104920 A 20041007

Priority
EP 04104920 A 20041007

Abstract (en)
The carriage assembly has at least two pairs of carriages (4,5,30,31) for supporting each sliding casement and each carriage of each pair has a shunt arm (6,7) which connects the carriage to the lower casement beam of the casement. A maximum of four and preferably less than four different carriage housings are provided for two left or right opening sliding casements. A common elongated profiled rail (8) can be fitted on the casement frame of slide carriages.

IPC 8 full level
E05D 15/10 (2006.01)

CPC (source: EP)
E05D 15/1005 (2013.01); **E05Y 2201/686** (2013.01)

Citation (search report)
• [DXAY] EP 1170448 A1 20020109 - GRETSCH UNITAS GMBH [DE]
• [Y] DE 8709235 U1 19870820
• [A] EP 1039088 A2 20000927 - GIOVANNETTI ANTONIO [IT]

Cited by
DE102016212449A1; DE102014212463A1; EP2169167A1; CN112292503A; CN107062721A; RU2726722C1; DE102014212461B3;
DE102009043521A1; WO2018007333A2; US11091945B2

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