

Title (en)

Driving unit with integrated driving means

Title (de)

Antriebseinheit mit integrierten Antriebsmitteln

Title (fr)

Unité d'entraînement pourvue de moyens d'entraînement intégrés

Publication

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Application

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Priority

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Abstract (en)

The invention relates to a driving unit for driving two substantially parallel beams (2,6) away or towards each other, comprising: - a first beam (6) of the substantially parallel beams and a second beam (2); - and driving means at least arranged between the first beam (6) and the second beam (2); wherein the driving means are substantially arranged inside the first beam (6).

IPC 8 full level

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Citation (applicant)

- EP 0384529 A1 19900829 - SAFAN BV [NL]
- EP 2143553 A1 20100113 - SAFAN BV [NL]

Citation (search report)

- [XY] EP 0293944 A2 19881207 - MAUS KARL HEINZ
- [YD] EP 2143553 A1 20100113 - SAFAN BV [NL]
- [X] EP 2210681 A2 20100728 - TRUMPF MASCHINEN AUSTRIA GMBH [AT]
- [X] DE 1011612 B 19570704 - SCHEER & CIE C F
- [X] JP S6234624 A 19870214 - AMADA CO LTD
- [X] GB 2274805 A 19940810 - SMITH RAYMOND BARRY [GB]
- [A] NL 1023585 C2 20041206 - SAFAN BV [NL]
- [AD] EP 0384529 A1 19900829 - SAFAN BV [NL]
- [A] EP 2017020 A2 20090121 - EHT WERKZEUGMASCHINEN GMBH [DE]

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