

Title (en)

Thread braking device for weft feeder, having reduced intervention times

Title (de)

Fadenbremse für eine Schussfadensliefervorrichtung mit reduzierten Eingriffszeiten

Title (fr)

Frein de fil pour fournisseur de trame avec des temps d'intervention réduits

Publication

EP 1059375 A1 20001213 (EN)

Application

EP 00110983 A 20000529

Priority

IT TO990459 A 19990601

Abstract (en)

A thread braking device for weft feeder (1), comprising a braking means (2,3) which is supported frontally and coaxially with respect to a drum of a weft feeder in order to directly or indirectly engage the thread that unwinds from the drum, the braking means (2,3) being actuated by at least one linear motor (M) which allows the mutual approach or spacing of the braking means with respect to the drum in order to modulate the braking of the weft thread. <IMAGE>

IPC 1-7

D03D 47/34; **B65H 51/22**

IPC 8 full level

B65H 51/22 (2006.01); **D03D 47/34** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP)

D03D 47/34 (2013.01); **D03D 47/364** (2013.01)

Citation (search report)

- [AD] EP 0707102 A2 19960417 - LGL ELECTRONICS SPA [IT]
- [AD] EP 0652312 A1 19950510 - LGL ELECTRONICS SPA [IT]
- [AD] EP 0534263 A1 19930331 - LGL ELECTRONICS SPA [IT]
- [A] DE 19625760 A1 19980102 - SOBREVIN [LI]
- [PA] EP 0972734 A1 20000119 - LGL ELECTRONICS SPA [IT]

Cited by

EP1717181A1; EP1335055A1; CN103710821A; EP1624098A3; CN102505288A; EP1743967A3; EP2014809A1; EP2623650A1; CN103243460A; CN108603315A; EP3414378A4; CN108884610A; EP3390707A4; WO2017138857A1; EP2031106A1; CN103451831A; CN108866768A; CN110997998A; EP3665319A4; CN115161855A; WO2017105315A1; EP2642004A1; EP2671831A1; US9249531B2; WO2019032007A1; EP3665319B1

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DOCDB simple family (publication)

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