

Title (en)
Yarn feeding device and yarn brake

Title (de)
Fadenzuführungsvorrichtung und Fadenbremse

Title (fr)
Dispositif d'alimentation en fil et frein de fil

Publication
EP 2065496 A1 20090603 (EN)

Application
EP 07023276 A 20071130

Priority
EP 07023276 A 20071130

Abstract (en)
In a yarn feeding device F having a yarn brake B provided at a housing arm 2, the yarn brake B comprising a generally conical braking body 5 for axial resilient co-operation with a withdrawal end 3a of a stationary storage body 3 of the yarn feeding device and mutually repelling permanent magnet arrangements P1, P2 respectively provided at the braking body and a stationary support 6, as well as an adjustment assembly E for gradually varying the braking effect between the braking body 5 and the withdrawal end 3a, the adjustment assembly including a screw device 18a, 21, the relative axial position of the permanent magnet arrangement P2 of the support is variable selectively either gradually by the screw device 18a, 21 or in one stroke extending over several thread pitches of the screw device 18a, 21 by a quick adjustment assembly Q of the support 6. In the yarn brake B the adjustment assembly E and the quick adjustment assembly Q share components of the support 6. The quick adjustment assembly Q is operable manually in one axial stroke direction and automatically returns by spring force 30.

IPC 8 full level
D03D 47/36 (2006.01); **D04B 15/48** (2006.01)

CPC (source: EP)
D03D 47/366 (2013.01); **D04B 15/44** (2013.01); **D04B 15/484** (2013.01)

Citation (search report)
• [YD] DE 102006001125 A1 20070712 - IRO AB [SE]
• [YD] WO 9703908 A1 19970206 - IRO AB [SE], et al

Cited by
DE102018115604A1; DE102013113115B4; DE102013113122B4; CN110654930A; EP3608460A1; IT201800007866A1; CN115161855A; EP2878722A1; DE102013113115A1; EP2878721A1; DE102013113122A1; WO2013072736A1; EP3594390A1

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DE IT TR

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AL BA HR MK RS

DOCDB simple family (publication)
EP 2065496 A1 20090603; **EP 2065496 B1 20100609**; CN 101498075 A 20090805; CN 101498075 B 20110615; DE 602007007101 D1 20100722; TW 200949034 A 20091201; TW I354042 B 20111211

DOCDB simple family (application)
EP 07023276 A 20071130; CN 200810178462 A 20081201; DE 602007007101 T 20071130; TW 97143357 A 20081110