

Title (en)  
Flyer wing

Title (de)  
Flyerflügel

Title (fr)  
Ailette

Publication  
**EP 0889149 A3 20000202 (DE)**

Application  
**EP 98110962 A 19980616**

Priority  
DE 19727799 A 19970630

Abstract (en)  
[origin: DE19727799C1] The flyer, for a roving frame, has at least one spring (12) at the flyer arm (1). Its spring action on the press tine (3) is only effective in a swing range where the centre of gravity of the press tine (3) is within the preset radius of the bobbin.

IPC 1-7  
**D01H 7/32**

IPC 8 full level  
**D01H 7/26** (2006.01); **D01H 7/32** (2006.01)

CPC (source: EP US)  
**D01H 7/32** (2013.01 - EP US)

Citation (search report)

- [DA] DE 19543716 A1 19960620 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [A] DE 965478 C 19570606 - GERT MEYER BUSCHE DIPL ING
- [A] FR 1300290 A 19620803 - ALSACIENNE CONSTR MECA
- [DA] DE 3004165 A1 19810813 - ZINSER TEXTILMASCHINEN GMBH [DE]

Cited by  
CN111206311A

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19727799 C1 19980806**; DE 59814388 D1 20091008; EP 0889149 A2 19990107; EP 0889149 A3 20000202; EP 0889149 B1 20090826; ID 20496 A 19981231; JP H1181060 A 19990326; US 6044639 A 20000404

DOCDB simple family (application)  
**DE 19727799 A 19970630**; DE 59814388 T 19980616; EP 98110962 A 19980616; ID 980938 A 19980630; JP 18272598 A 19980629; US 7692998 A 19980513