

Title (en)
DEVICE FOR PICKING-UP A SHEET BY MEANS OF A SUCTION GRIPPER

Publication
EP 0190612 B1 19890315 (DE)

Application
EP 86100842 A 19860122

Priority
DE 3503622 A 19850202

Abstract (en)
1. Apparatus for removing sheet film (4) one at a time from an X-ray film cassette (1) or an X-ray sheet film magazine or the like, in which a suction device (3) situated close to the leading edge (4a) of a film which is to be lifted applies suction to the film which is to be removed by means of a curved internal surface (3c) of a suction lip which communicates with a suction pipe (9) and which is partly axially symmetrical, preferably in the form of a truncated cone, characterised in that the internal surface (3c) of the suction lip extends as far as the opening (9a) of the suction pipe (9) and that in a region situated close to the opening of the suction pipe it is formed by a circularly cylindrical area (10) which is intersected by the axially symmetrical surface, preferably the truncated cone shaped surface, the generatrices (10a) of which area (10) are smaller than the greatest suction lip diameter (3e) and extend perpendicularly to the leading edge (4a) of the film.

IPC 1-7
B65H 3/08

IPC 8 full level
B65H 3/08 (2006.01)

CPC (source: EP US)
B65H 3/0883 (2013.01 - EP US)

Cited by
EP0467203A3; EP0819632A3

Designated contracting state (EPC)
DE FR GB IT

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EP 0190612 A2 19860813; EP 0190612 A3 19880107; EP 0190612 B1 19890315; DE 3503622 A1 19860807; DE 3503622 C2 19871126;
DE 3662381 D1 19890420; US 4979729 A 19901225

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