

Title (en)
FLEXIBLE COMPUTER INPUT

Title (de)
FLEXIBLE COMPUTER-EINGABE

Title (fr)
INTRODUCTION FLEXIBLE DE DONNEES SUR ORDINATEUR

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Application
EP 02795267 A 20021221

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Abstract (en)
[origin: WO03054680A2] The invention relates to a "Flexible Computer Input", determined from the data from a touch-sensitive input surface for fingertip positions and pressure trigger regions in comparison with a stored topography for the input signal of a computer. The base topography (base positions of the fingertips) and the layout topography (arrangement of the target pressure points) determined therefrom, can be changed and can thus be adjusted to ergonomically match individual hands and working practices. Said topography may be dynamically altered: progressive changes may be made (for example displacements of the hands, reductions in the average separations) and allowed for, such that a matching of the inputs to individual practices occurs. (See fig 1) An input surface which is as transparent as possible displays layouts or objects and works like a touchscreen or visualised touch area . An optional fine-motor feedback can be achieved by means of a surface of elastic construction with a determined geometry. The input is suitable for simplifying various tasks by the simultaneous recognition of two (or more) fingers.

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Citation (search report)
See references of WO 03054680A2

Citation (examination)
"SOFT ADAPTIVE FOLLOW-FINGER KEYBOARD FOR TOUCH-SCREEN PADS", IBM TECHNICAL DISCLOSURE BULLETIN, INTERNATIONAL BUSINESS MACHINES CORP. (THORNWOOD), US, vol. 36, no. 11, 1 November 1993 (1993-11-01), pages 5 - 07, XP000424761, ISSN: 0018-8689

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