

Apparatus and Method for Separating a Composite Safety Glass Panel

Abstract

The invention relates to an apparatus (1) for separating a composite safety glass panel (2) along at least one predefinable dividing line (3), wherein the composite safety glass panel (2) has at least one composite film (4) and at least two glass panels (5), wherein the composite film (4) is arranged between the glass panels (5) and connects the glass panels (5) to each other, the apparatus (1) having at least one separating means for separating the glass panels (5) along the at least one dividing line (3) and at least one heating means (6) for heating the composite film (4) at least along the dividing line (3). The invention further relates to a method for separating a composite safety glass panel. A method and an apparatus for separating a composite safety glass panel (2), wherein the cycle times for separating are shortened, are realized in that the heating means (6) has at least one laser device (7) having at least one plurality of laser radiation sources (8) arranged adjacent to each other, and wherein a plurality of adjacently arranged individual intensity profiles (11) for heating the composite film (4) at least along a portion of the dividing line (3) can be produced by means of the laser device (7).

[Fig. 1]