$$(\mathrm{Id}_{\mathbf{DP}}(\mathbf{f}) \ \ ^{\circ}_{\mathcal{U}}\mathrm{un}_{\mathcal{U}}^{\mathbf{B}})(p^{*}, [q_{1}, q_{2}]) = (\mathbf{f} \ \ ^{\circ}_{\mathcal{U}}\mathrm{un}_{\mathcal{U}}^{\mathbf{B}})(p^{*}, [q_{1}, q_{2}])$$
$$= \bigvee_{q \in \mathbf{B}} \mathbf{f}(p^{*}, q) \wedge \mathrm{un}_{\mathcal{U}}^{\mathbf{B}}(q^{*}, [q_{1}, q_{2}])$$

 $= // \mathbf{f}(p^*, \mathbf{q}) \wedge (\mathbf{q} \leq \mathbf{q}_1).$